

TFT-LCD TV

Chassis GBP23SEN

GBP26SEN GBP32SEN GBP37SEN GBP40SEN

Model LE23R87BD

LE26R87BD LE32R86BD LE32R81BX LE37R87BD LE37R88BD LE40R87BD LE40R88BD

SERVICE Manual

TFT-LCD TV



Fashion Feature

- Luxurious Slim Design
- Supreme Picture Quality
- Supreme Sound Quality
- Supreme Convenience Quality
- Convenience for Users
- iDTV

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LE23R87BD/LE26R88BD/LE32R88BD/ LE37R86BD/LE40R88BD Service Manual

First edition March 2007.

Printed in Korea.

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P/N: BN82-00183B-00

URL: http://itself.sec.samsung.co.kr/

6 Electrical Parts List

-You can search for updated part codes through ITSELF web site. URL: http://itself.sec.samsung.co.kr/

6-1 LE23R87BDX Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE23R87BDX/XEC	LE23R87BD,N30A/23R81-GBP,23,LCD-TV,SPAIN	0	
0.1	M0216	BN90-01150A	ASSY STAND:23,26R81,NORMAL	1	S.N.A
2	T0524	6902-000561	BAG PE;HDPE+NITRON(DOUBLE),T0.015+T0.5,W	1 1	S.N.A
2	M0013	BN96-04663A	ASSY STAND P-BASE;23,26R81,NORMAL,-,ABS+	1	S.A
3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A
3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	4	S.A
3	1110001	BN61-02954A	BRACKET-STAND BOTTOM:23,26 BORDEAUX PLUS	1	S.N.A
3	T0920	BN61-02955A	GUIDE-STAND;23,26R81,ABS,-,-,BK500,V0	1	S.N.A
3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A
3	T0004	BN63-03122A	COVER-STAND BASE:23.26R81.ABS+PMMA	1	S.N.A
3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	4	S.N.A
0.1	M0002	BN90-01155B	ASSY COVER REAR:23R81,EO(IDTV),ABS+PMM	1	S.N.A
2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.N.A S.A
2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	11	S.A S.A
2	M0013	BN96-04673A	ASSY COVER P-REAR;23R81,EO(IDTV),-,ABS+P	1 1	S.A S.A
3	IVIOUTS	BN61-02960A	HOLDER-WALL;26R81,ABS,V0,-,-,BK500,-	4	S.N.A
3	CCM1	BN63-02183D	COVER-SHEET:Rhcm,PE Vinyl,T0.05,680mm,20	0.5	S.N.A
3	M0006	BN63-03204A	COVER-REAR;23R81,EO(IDTV),ABS+PMMA,-,-	1	S.N.A
3	T0071	BN64-00555B	, , , , , , , , , , , , , , , , , , , ,	1	S.N.A S.N.A
3	T0071	BN65-00002A	INLAY-TERMINAL;07,COMMON,EO(IDTV),PS SHE CLAMPER CORE;BORDEAUX,PP.V0,BLK	1	S.N.A S.N.A
3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A S.N.A
0.4	Manage	DNIOO OAOCOA	ACOV COVER FRONT CORRES FOVIRTIA ARG. DIMMA		0.11.4
0.1	M0001	BN90-01269A	ASSY COVER FRONT;23R87,EO(IDTV),ABS+PMMA	1	S.N.A
2	T0175	BN96-04767A	ASSY SPEAKER P;16ohm,4pin,5W,Bordeaux Pl	1	S.A
2	T0003	BN96-05172A	ASSY COVER P-FRONT;23R87,EO(IDTV),ABS+PM	1	S.A
3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A
3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A
3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.94	S.N.A
3	T0056	BN63-03114B	COVER-DECORATION;23R82,ABS,-,-,-,HB,-,NT	1	S.N.A
3	M0112	BN63-03311A	COVER-FRONT;23R87,EO(IDTV),ABS+PMMA,-,-,	1	S.N.A
3	T0059 T0023	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
3	T0023	BN64-00589A BN64-00590A	KNOB POWER;32S81,PC,-,-,-,VIOLET,-,-	1	S.N.A
3	10054	BN96-05175A	KNOB-DECORATION; JASMINE 32, ABS,-,-,-, HB,	1	S.N.A S.N.A
4	M0960	BN61-03022A	ASSY HOLDER P-BOSS;23,26R82,HIPS,HB,BK50 HOLDER-BOSS;23,26R82,HIPS,HB,,BK500	1	S.N.A S.N.A
4	IVIUSOU	BN61-03261A	BOSS-TAPE;Tulip,ACRYL,T1.1,W12mm,GRAY,TA	0.8	S.N.A
3	M0146	BN96-05257B	ASSY BOARD P-POWER & IR:LE26R87BDX 23,26	1	S.N.A S.A
3	T0069	AA60-00172L	SPACER-FELT;23R8,FELT,300,T0.8,10	2	S.N.A
3	T0069	AA60-00172L AA60-00172M	SPACER-FELT;23R8,FELT,520,T0.8,10	2	S.N.A
2	M0081	6003-001188	SCREW-TAPTITE;BH,+,-B,M4,L10,ZPC(WHT),S	1	S.N.A
2	M2893	BN39-00609A	LEAD CONNECTOR;VE20EO,UL1015#22 BLACK,1P	1 1	S.A
				·	
0.1		BN91-01180J	ASSY LCD-AUO;LE23R32BX/*	1	S.N.A
2	M0215	BN07-00365A	LCD-PANEL;T230XW01,8bit,23inch,16.7M,16:	1	S.A
0.1	M0017	BN91-01243E	ASSY CHASSIS;LE23R86BDX/*	1	S.N.A
2	M0014	BN94-01121E	ASSY PCB MAIN;LE23R86BDX/*	1	S.A
3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A
3	JA3201_OP	3709-001477	CONNECTOR-CARD SLOT;68P,1.27mm,ANGLE,AU,	1	S.A
3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
3	CN906	3711-004182	CONNECTOR-HEADER;BOX,10P,1R,2MM,STRAIGHT	1	S.A
3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A
3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A
3	JA330	3722-000143	JACK-PHONE;1P(VER),AG,BLK,ANGLE	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
3	JA1601_EU	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
3	JA1608_EU	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
3	JA332	3722-001163	JACK-VHS;4P,AU,BLK,ANGLE	1	S.A
3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
3	JA333 JA333	3722-002362 3722-002543	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1 1	S.A S.A
3	CIS3	BN40-00096A	JACK-PIN;3P,Sn,RED/WHT/YEL,ANGLE TUNER;DNOS403MH261B(S),PAL Hyper,181CH,	1 1	S.A S.A
3	T0603	BN63-02494A	SHIELD-PCB MAIN;MOSEL 40",SPTE,T0.3,EURO	1 1	S.N.A
3	CCMM1	BN73-00024D	SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6	1	S.N.A
3	T0174	BN97-01233E	ASSY SMD;LE23R86BDX/*	1	S.N.A
4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45§-,96.5Sn/	4.57	S.N.A
4	D1204	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
4	D1208	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
4	D1209	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
4	D1210	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
4	D1211	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
4	D1212	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
4	D1213	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
4	D1214	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
4	D1218	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
4	D1219	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1 1	S.A
4	D1640 D1641	0401-000133 0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1 1	S.A S.A
4	D1041 D2201_LUX	0401-000133	DIODE-SWITCHING;RLS4146,75V,150mA,LL-34, DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1 1	S.A S.A
4	D1101	0401-000135	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1 1	S.A
4	D1403	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1 1	S.A
4	D1404	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1407	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1410	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1411	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1412	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1424	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1425	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1426	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1434	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1435	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1472 D1473	0401-001056 0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A S.A
4	D1473	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1 1	S.A
4	D1474	0401-001056	DIODE-SWITCHING:MMBD4148SE,100V,200mA,SO	1 1	S.A
4	D1476	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1477	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1478	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1479	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1482	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1483	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1484	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1485	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1486	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1487	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1488	0401-001056	DIODE-SWITCHING:MMBD4148SE,100V,200mA,SO	1	S.A S.A
4	D1489 D1603_OP	0401-001056 0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A S.A
4	D1603_OP D1621_OP	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1 1	S.A S.A
4	D1621_OP	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A S.A
4	D1624_01	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1644	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1645	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1646_PAD	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1647	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1648_LAMP	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1649	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1650	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D1653	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	D1808	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
4	D0254	0402-001019	DIODE-SCHOTTKY;MBRS340,40V,3000mA,DO-214	1	S.A
4	D0254	0402-001019	DIODE-SCHOTTKY;MBRS340,40V,3000mA,DO-214	1	S.A
4	D1215	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
4	D1217	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
4	D1429	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
4	D1430	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
4	D1431	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
4	D1432	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
4	D1433	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
4	D1452	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
4	D1453	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
4	D1500	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
4	D1501	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
4	D1503	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
4	D1504	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
4	D1505	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
4	D1506	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
4	D1402	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
4	D1428	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
4	D1804	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
4	D1810	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
4	D1608	0403-001169	DIODE-ZENER:RLZ16C,15.96-16.51V,500MW,LL	1	S.A
4	D1636	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
4	D1105	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A
4	D1405	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
4	D1406	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
4	D1408	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1 1	S.A
4	D1409	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1 1	S.A
4	D1422	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
4	D1423	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
4	D1446	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
4	D1447	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
4	D1601_OP	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1 1	S.A
4	D1602_OP	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
4	D1602_G1	0406-001172	DIODE-TVS;CDS3C30GTH;48V,0W,SMD	1 1	S.A
4	D1604_L0	0406-001172	DIODE-TVS;CDS3C30GTH;48V,0W,SMD	1 1	S.A
4	D1606_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1 1	S.A
4	D1600_L0	0406-001172	DIODE-TVS;CDS3C30GTH;45V;0W;SMD	1 1	S.A
4	D1607	0406-001172	DIODE-TVS;CDS3C30GTH;48V,0W,SMD	1 1	S.A
4	D1616_OP	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1 1	S.A
4	D1617_OP	0406-001172	DIODE-TVS;CDS3C30GTH;48V,0W,SMD	'	S.A
4	D1617_O1	0406-001172	DIODE-TVS;CDS3C30GTH;48V,0W,SMD	1 1	S.A
4	D1619	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1 1	S.A
4	D1620 EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
4	D1620_E0	0406-001172	DIODE-TVS;CDS3C30GTH,48V.0W.SMD	1	S.A
	D1623_OP	0406-001172	DIODE-TVS;CDS3C30GTH;48V,0W,SMD	1 1	S.A
4	D1623_OP D1630	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A S.A
4	D1630	0406-001172	DIODE-TVS;CDS3C30GTH;46V;0W;SMD	1 1	S.A S.A
4	D1631	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A S.A
4	D1632	0406-001172	DIODE-TVS;CDS3C30GTH;46V;0W;SMD	1	S.A S.A
4	D1633 D1634 EU	0406-001172	DIODE-TVS;CDS3C30GTH;46V;0W;SMD	1	S.A S.A
4	D1634_EU	0406-001172	DIODE-TVS;CDS3C30GTH;46V;0W;SMD	1	S.A S.A
4	D1033_E0	0407-000123	DIODE-ARRAY:DAN202K,80V,100mA,CA2-3,SOT-	1	S.A S.A
4	D1201 D1801	0407-000123	DIODE-ARRAY:DAN202K,80V,100IIIA,CA2-3,SOT-	1	S.A S.A
	D1801 D1802	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	4	S.A S.A
4	Q1201	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1 1	S.A S.A
4	Q1201 Q1202		TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	4	S.A S.A
4	Q1202 Q1101_LCD	0501-000280 0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A S.A
4	Q1101_LCD Q1102_LCD		TR-SMALL SIGNAL;KSC1623-1,NPN,20011W,SOT-	1	S.A S.A
4	_	0501-000342		1	1
4	Q1104 Q1202	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1203	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-		S.A
4	Q1204	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1 1	S.A
4	Q1205	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-		S.A
4	Q1206	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1 4	S.A
4	Q1207	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1208	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1 1	S.A
4	Q1209	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	Q1210	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1211	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1601_UX	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1602	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1603	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1604_RED	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1801	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1805	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1821	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q1823	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q2201_LUX	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
4	Q2202_LCD Q3003	0501-000342 0501-000434	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A S.A
4	Q3003 Q3004	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	'	S.A S.A
4	Q3004 Q3001	0501-000434	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2		S.A
4	Q3002	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
4	Q409 Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.50hm,0.	1 1	S.A
4	IC104	0505-000275 0801-002095	FET-SILICON;SI4435DY,P,-30V,+-8.0A,0.014 IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A S.A
4	IC104	0801-002095	IC-CMOS LOGIC;74LCX243,TRANSCEIVER,TSSOP		S.A S.A
4	IC104	0801-002172	IC-CMOS LOGIC;74LCX16244,BUFFER/LINE DRI		S.A
4	IC104	0801-002172	IC-CMOS LOGIC;74LCX16244,BUFFER/LINE DRI	1 1	S.A
4	IC104	0801-002172	IC-CMOS LOGIC;74LCX16244,BUFFER/LINE DRI	1	S.A
4	IC104	0801-002378	IC-CMOS LOGIC;74VHC04,HEX INVERTER,SOP,1	1	S.A
4	IC104	0801-002617	IC-CMOS LOGIC;7S08,2-INPUT AND GATE,SOT-	1	S.A
4	IC1802	0903-001488	IC-MICROCOMPUTER;M308A0SGP,LQFP,100P,14x	1	S.A
4	IC1805	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	S.A
4	IC106	1001-001440	IC-VIDEO SWITCH;Sil9185CTU,QFP,80P,3.3V,	1	S.A
4	IC107	1002-001482	IC-D/A CONVERTER;WM8521H9GED/R,16bit,SOI	1	S.A
4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	S.A
4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
4	IC112 IC112	1103-000129 1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1 1	S.A S.A
4	IC112	1103-00129	IC-EEPROM;24C02,2xbii,320x8bii,30P,8P,5x	1	S.A S.A
4	IC112	1103-001385	IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8F,5x		S.A S.A
4	IC113	1105-001712	IC-DRAM;HYB25D256163CE,DDR,256Mbit,16Mx1	1	S.A
4	IC113	1105-001791	IC-DRAM;EM6A9320BI,DDR,128Mbit,4Mx32,FBG	1	S.A
4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A
4	T0124	1201-002430	IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL	1	S.A
4	IC012	1203-001519	IC-POSI.ADJUST REG.;LM317,SOT223,3P,274	1	S.A
4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
4	T0087	1203-002855	IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK,	1	S.A
4	T0087	1203-002898	IC-POSI.FIXED REG.;G950T45R,T0-252,3P,6.	1 1	S.A
4	T0087	1203-002974	IC-POSI_FIXED_REG_;AP1117D-25A,TO-252,3P	1	S.A
4	T0087	1203-003696	IC-POSI.FIXED REG.;NCP1117DT18T5G,DPAK,3	1 1	S.A
4	IC1809	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1 1	S.A S.A
4	IC1303 IC3001	1203-004364 1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A S.A
4	IC3001	1203-004364	IC-VOL. DETECTOR;R19818C-42PV;SO1-23;3P; IC-DC/DC CONVERTER;AP1530SA;SOP,8P;5x3.9	1	S.A S.A
4	IC3101	1203-004379	IC-DECODER;STx5105,PBGA,324P,23x23mm,PLA	1 1	S.A S.A
4	IC118	1204-002037	IC-VIDEO PROCESS;SVP-UX68,BGA,336P,27x27	1	S.A
4	IC1202	1204-002719	IC-AUDIO PROCESSOR;SGTV5810,LQFP,100P,14	1	S.A
4	IC118	1204-002729	IC-VIDEO PROCESS;S4LF119X01,PBGA,208P,17	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	D1471	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A
4	D1481	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A
4	D1612	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A
4	D1613	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A
4	D1614	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A
4	D1809	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A
4	R1527	2007-000042	R-CHIP;499ohm,1%,1/10W,TP,1608	1	S.A
4	R2139	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
4	R2226	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1 1	S.A
4	R2227 R1903	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A S.A
4	R1903	2007-000052 2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608 R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A S.A
4	R1905	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1 1	S.A
4	R1906	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1 1	S.A
4	R1907	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1 1	S.A
4	R1908	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
4	R1909	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
4	R1910	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
4	R1941	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
4	R1944	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
4	R1993_LCD	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
4	R1111	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	S.A
4	R2206	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	S.A
4	R1130_UX	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1266	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1333_UX	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1334_UX	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1335_UX	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A
4	R1336_UX R1337_UX	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1338_UX	2007-000070 2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608 R-CHIP;0ohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1339_UX	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1 1	S.A
4	R1340_UX	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1 1	S.A
4	R1418	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1456	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1464	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1502	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1519	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1524	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1525	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1542	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1543	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1550	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A
4	R1553	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1554	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1555 R1556	2007-000070 2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608 R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1557	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A S.A
4	R1558	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1559	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1574	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1575	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1576	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1578	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1584	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1585	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1621_EU	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1655	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A
4	R1708_NMMS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1709_NMMS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1710_NMMS	2007-000070	R-CHIP:00hm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1805 R1826	2007-000070 2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608 R-CHIP;0ohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1827	2007-000070	R-CHIP;00hm,5%,1/10W,1P,1608	1	S.A S.A
4	R1828	2007-000070	R-CHIP;00hm,5%,1/10W,1P,1608	1 1	S.A S.A
4	R1830	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1831	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1834	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	R1837	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1838	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1839	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1840	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1844	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1879	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1895	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1927	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1932	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1934	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1935	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1936	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1937	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R1957	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2001_TEST	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2002_TEST	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2003_TEST	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2004	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2007	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2011	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2014_UX	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2015_UX	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2032_UX	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2033_UX	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2053	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2059	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2060	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2062	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2065	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2066	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2067	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2068	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2202	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2205	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2207	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2241	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2255_LCD	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2257_LCD	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2260_LCD	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2279_LCD	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2291_FBE	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2302_LCD	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2306_LCD	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2361_FBE	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2362_FBE	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2363_FBE	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2364_FBE	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2365_FBE	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A
4	R2366_FBE	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2379_FBE	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R2380_FBE	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3013	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A
4	R3018	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A
4	R3023	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A
4	R3030	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3102	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3103	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3107	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3122	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3123	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3124	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3125	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3126	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3127	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3128	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3129	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3130	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1 1	S.A
4	R3133	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	'	S.A
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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	R3203	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3223	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3224	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3225	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3226	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3228	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3229	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A
4	R3232	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3244 R3247	2007-000070 2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608 R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R3247 R3248	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A S.A
4	R3249	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608		S.A
4	R3251	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3252	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3257	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3258	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3260	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3262	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3264	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
4	R3265	2007-000070	R-CHIP;00hm,5%,1/10W,TP,1608	1	S.A
4	R1413	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
4	R1414	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
4	R1451	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
4	R1462	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
4	R1468	2007-000071	R-CHIP;220hm,5%,1/10W,TP,1608	1	S.A
4	R1469	2007-000071	R-CHIP;220hm,5%,1/10W,TP,1608	1	S.A
4	R1700_LAMP	2007-000071	R-CHIP;220hm,5%,1/10W,TP,1608	1	S.A
4	R1701_LAMP R2063	2007-000071 2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608 R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R2149	2007-000071	R-CHIP;220hm,5%,1/10W,TP,1608		S.A
4	R2228	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1 1	S.A
4	R2229	2007-000071	R-CHIP;220hm,5%,1/10W,TP,1608	1	S.A
4	R2230	2007-000071	R-CHIP;220hm,5%,1/10W,TP,1608	1	S.A
4	R2231	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
4	R2236	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
4	R2281_OP	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
4	R1205	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
4	R1206	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
4	R1405	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
4	R1406	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
4	R1450	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
4	R1452	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
4	R1460	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
4	R1461	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1 1	S.A
4	R1864 R1960	2007-000072 2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608 R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1960 R1961	2007-000072	R-CHIP;470hm,5%,1/10W,TP,1608	1	S.A S.A
4	R2222	2007-000072	R-CHIP;470hm,5%,1/10W,TP,1608	1	S.A S.A
4	R2223	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
4	R1203	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1217	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1218	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1219	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1220	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1222	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1225	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1226	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1228	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1229	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1230	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1231	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R1232	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1 1	S.A
4	R1233 R1234	2007-000074 2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1234 R1235	2007-000074	R-CHIP;1000hm,5%,1/10W,TP,1608	1	S.A S.A
4	R1236	2007-000074	R-CHIP;1000hm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1237	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1238	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
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4 R1239 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 R.4 R1241 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 R.4 R1243 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 R.5 R-CHIP;100ohm,5%,1/10W,TP,1608 R.6 R-CHIP;100ohm,5%,1/10W,TP,1608 R.7 R-CHIP;100ohm,5%,1/10W,TP,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S.A S.A S.A S.A S.A S.A S.A S.A S.A S.A
4 R1240 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1241 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1244 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1254 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1264 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1270 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1273 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1344 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1416 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1459 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S.A S.A S.A S.A S.A S.A S.A S.A S.A S.A
4 R1241 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1244 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1254 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1264 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1270 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1273 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1344 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1416 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1459 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S.A S.A S.A S.A S.A S.A S.A S.A S.A S.A
4 R1244 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1254 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1264 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1270 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1273 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1344 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1416 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S.A S.A S.A S.A S.A S.A S.A S.A S.A S.A
4 R1254 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1270 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1273 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1344 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1416 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1459 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,16084 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S.A S.A S.A S.A S.A S.A S.A S.A S.A S.A
4 R1264 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1270 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1273 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1344 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1416 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1459 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1480 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1 1 1 1 1 1 1 1	S.A S.A S.A S.A S.A S.A S.A S.A S.A
4 R1270 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1273 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1344 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1416 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1459 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1 1 1 1 1 1 1 1	S.A S.A S.A S.A S.A S.A S.A S.A S.A
4 R1273 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1344 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1416 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1459 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1 1 1 1 1	S.A S.A S.A S.A S.A S.A S.A S.A
4 R1344 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1416 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1459 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1 1 1 1	S.A S.A S.A S.A S.A S.A S.A
4 R1416 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1459 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1 1 1	S.A S.A S.A S.A S.A S.A
4 R1419 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1459 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1 1	S.A S.A S.A S.A S.A
4 R1459 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1 1	S.A S.A S.A S.A S.A
4 R1470 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1 1	S.A S.A S.A S.A
4 R1488 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1 1	S.A S.A S.A
4 R1489 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 4 R1603_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1 1	S.A S.A
4 R1547 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608 R-CHIP;100ohm,5%,1/10W,TP,1608 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1 1	
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4 R1617 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1622_EU 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1631_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608		S.A
4 R1634 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1639_OP 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1666 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1668_EU 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1674_UX 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	1 1	S.A
4	1	S.A S.A
4 R1811 2007-000074 R-CHIP;1000hm,5%,1/10W,TP,1608		S.A
4 R1835 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608		S.A
4 R1836 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608		S.A
4 R1843 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1855 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1856 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1858 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1861 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1862 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1868 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1870 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1874 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R1875 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1	S.A
4	1 1	S.A S.A
4	1	S.A S.A
4 R1952 2007-000074 R-C-Hir, 1000Hill,5%, 1710W, 17-, 1608	1 1	S.A S.A
4	1	S.A S.A
4 R2005 2007-000074 R-CHIP;1000hm,5%,1/10W,TP,1608	1 1	S.A
4 R2006 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R2030 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R2203 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R2243_FBE 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R2285_LCD 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R2292_LCD 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R2381_FBE 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R2382_FBE 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R2383_FBE 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R2384_FBE 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1 1	S.A
4	1 1	S.A S.A
4	1 1	S.A S.A
4	1	S.A S.A
4 R2389_FBE 2007-000074 R-CHIP;1000hm,5%,1/10W,TP,1608	1 1	S.A
4 R2390_FBE 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608		S.A
4 R2391_FBE 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R2392_FBE 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R3008 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4 R3204 2007-000074 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A

	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	R3205	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3206	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3207	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3230	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3233	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3235	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3238	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3253	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3254 R3255	2007-000074 2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608 R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A S.A
4 4	R3259	2007-000074	R-CHIP;1000hm,5%,1/10W,TP,1608	1	S.A S.A
4	R3261	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3263	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3266	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3267	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
4	R3016	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
4	R3017	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
4	R1101	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
4	R1267	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
4	R1268	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
4	R1582	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
4	R1583	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
4	R1604_EU	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
4	R1607_EU	2007-000076	R-CHIP;3300hm,5%,1/10W,TP,1608	1	S.A
4	R1654	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1 1	S.A
4	R1659 R1891	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A S.A
4 4	R3250	2007-000076 2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608 R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1347	2007-000070	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1403	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1404	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1407	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1412	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1442	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1444	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1605	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1613	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1628_OP	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1629_OP	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1657	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1661 R1672 UX	2007-000077 2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4 4	R1672_UX R1688	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608 R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1691	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R2052	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R2246_LCD	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R2287_LCD	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
4	R1265	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1408	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1463	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1640_OP	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1641_OP	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1675_UX	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1698_PAD	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1702_LAMP	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1823	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1829	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4 4	R1833 R1845	2007-000078 2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608 R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1846	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1915_LCD	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1919_LCD	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1939	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1951	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1975	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1976	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R2008	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R2061	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	R2252_LCD	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R2284_LCD	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R2293_LCD	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R3010	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R3132	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R3134	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R3135	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R3136	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
4	R1816	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
4	R1820	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
4	R1821	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
4	R1851	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
4	R1866	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
4	R1867	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R1894 R2288_LCD	2007-000082 2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R2289_LCD	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608 R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1109_LCD	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1248	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R1250	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1256	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1257	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1348	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1411	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1467	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1520	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1521	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1523	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1552	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1560	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1561	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1673_UX	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1697_RED	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R1802	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R1803 R1807	2007-000084 2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608 R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1818	2007-000004	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R1819	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R1824	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R1825	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1865	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1885	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1886	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1887	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1888	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1892	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1893	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1902	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1912	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1913	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1917 R1918	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1918	2007-000084 2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608 R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1925	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1930	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1959	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R1974	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1989	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1991	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1992	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1994_PAD	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1995	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1997	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1998	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1999	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R2254_LCD	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R2286_LCD	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R2294_LUX	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	R2295_LCD	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R2371_FBE	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R2372_FBE	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R2373_FBE	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R2374_HD	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R3001	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R3002	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R3007 R3009	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R3029	2007-000084 2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608 R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R3231	2007-000004	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R3234	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R3243	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R3246	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R3268	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
4	R1627	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
4	R1669	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
4	R1106_LCD	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1107_LCD	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1119	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1204	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1207	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1208	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1209	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1212	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1401	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1402 R1409	2007-000090 2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608 R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1409 R1445	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1446	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	'	S.A
4	R1453	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R1454	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1457	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1465	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1466	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1522	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1801	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1813	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1814	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1815	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1876	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1880	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1881	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1882	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1883	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4 4	R1889 R1896	2007-000090 2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608 R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1931_2M	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1931_2W R1938_2M	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1972	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1996	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R2013	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R2150	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R2151	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R2152	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R2201	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R2290_FBE	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3011_TEST	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3012_TEST	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3019	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3020	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3120	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3121	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4 4	R3131 R3201	2007-000090 2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608 R-CHIP;10Kohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R3201 R3202	2007-000090	R-CHIP;10K0hin,5%,1/10W,TP,1608	1	S.A S.A
4	R3202 R3208	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R3215	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1 1	S.A S.A
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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	R3216	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3217	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3218	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3219	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3220	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3221	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R3222	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
4	R1126	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
4	R1104 R1201	2007-000094 2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608 R-CHIP;22Kohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1201	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP;1608	1	S.A S.A
4	R1221	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
4	R1223	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
4	R1224	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
4	R1227	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
4	R1242	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
4	R1245	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
4	R1687	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
4	R1690	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
4	R1812	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
4	R2235	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1 1	S.A
4	R3028 R1540	2007-000094 2007-000097	R-CHIP;22Kohm,5%,1/10W,TP,1608 R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1541	2007-000097	R-CHIP:47Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1614 EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
4	R1615_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
4	R1684_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
4	R1685_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
4	R3004	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
4	R3006	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
4	R1102_LCD	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
4	R1103	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
4	R1699_LAMP	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
4	R1990	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	S.A
4	R1271 R1272	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R2017_UX	2007-000113 2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608 R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R2017_0X R2018	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A
4	R2019 UX	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A
4	R2020_UX	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A
4	R2025	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R2209	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R2210	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R2211	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R2214	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A
4	R2215	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A
4	R2216 R2217	2007-000113 2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608 R-CHIP:33ohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R2217 R2218	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608 R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A S.A
4	R2219	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A S.A
4	R2220	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R2221	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R3101	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R3104	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R3105	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R3106	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R3108	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A
4	R3110	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A
4	R3111	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R3112 R3113	2007-000113 2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608 R-CHIP;33ohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R3114	2007-000113	R-CHIP;330hm,5%,1/10W,1P,1008 R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A S.A
4	R3115	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A S.A
4	R3119	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A
4	R3138	2007-000113	R-CHIP;330hm,5%,1/10W,TP,1608	1	S.A
4	R3139	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R3140	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R3141	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	R3227	2007-000113	R-CHIP;33ohm,5%;1/10W,TP,1608	1	S.A
4	R3241	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R3242	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R3245	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
4	R1940	2007-000120	R-CHIP;680ohm,5%,1/10W,TP,1608	1	S.A
4	R1108_LCD	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
4	R1349	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
4	R1694_RED	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
4	R1695_RED R1696_RED	2007-000124 2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608 R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1942	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1973	2007-000124	R-CHIP;27Kohm,5%,1/10W,TP,1608		S.A
4	R2208	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	1	S.A
4	R1124	2007-000208	R-CHIP;1.1Kohm,1%,1/10W,TP,1608	1	S.A
4	R1113	2007-000219	R-CHIP;1.2Kohm,1%,1/10W,TP,1608	1	S.A
4	R1420	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1421	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1423	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1424	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1428	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1429	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1430	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1431	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1432	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1433	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1434	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1435	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1436	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1 1	S.A
4	R1437 R1438	2007-000309 2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608 R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1439	2007-000309	R-CHIP;100hm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1472	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608		S.A
4	R1473	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1 1	S.A
4	R1474	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1475	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1476	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1477	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1478	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1479	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1480	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1481	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1482	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1483	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1484	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1485	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1486	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1487	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1 1	S.A
4	R1577 R1579	2007-000309 2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608 R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A S.A
4	R1841	2007-000309	R-CHIP;100hm,5%,1/10W,TP,1608	1	S.A S.A
4	R1842	2007-000309	R-CHIP;100hm,5%,1/10W,TP,1608	1	S.A S.A
4	R1847	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608		S.A
4	R1848_1M2M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1849_1M2M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1857	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1859	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1860	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1863	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1869	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1871	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1872	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1873	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1953_2M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
4	R1616	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
4	R1665	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
4	R1686	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
4	R1689 R2021	2007-000458 2007-000475	R-CHIP;18Kohm,5%,1/10W,TP,1608 R-CHIP;1Mohm,1%,1/10W,TP,1608	1	S.A S.A
7	1/4041	2001-000410	1. Othi, ; imolilli, 1 /0, 1/ 1000, 11 , 1000	'	J.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	R3109	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
4	R1123	2007-000640	R-CHIP;270ohm,1%,1/10W,TP,1608	1 1	S.A
4	R2318_FBE	2007-000669	R-CHIP;2Kohm,1%,1/10W,TP,1608	1	S.A
4	R1258	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
4	R3014	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
4	R3015	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
4	R3021	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
4	R3022	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
4	R3024	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
4	R3025	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
4	R3026	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
4	R3027	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1 1	S.A
4	R1269 R1246	2007-000869 2007-000882	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	1 1	S.A S.A
4	R1246 R1247	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608 R-CHIP;4.7ohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1247	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608		S.A
4	R1251	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608		S.A
4	R1252	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
4	R1253	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
4	R1259	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
4	R1260	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
4	R1410	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
4	R1415	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
4	R1422	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
4	R1601_OP	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
4	R1602_OP	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
4	R1618	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
4	R1619	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
4	R1620	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
4	R1633_OP	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
4	R1125	2007-000962	R-CHIP;5.1Kohm,1%,1/10W,TP,1608	1 1	S.A
4	R1115	2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1 1	S.A S.A
4	R2233 R2237	2007-001014 2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608 R-CHIP;51OHM,5%,1/10W,TP,1608	1 1	S.A S.A
	R3116	2007-001014	R-CHIP;7.5Kohm,1%,1/10W,TP,1608	1 1	S.A S.A
4	R1425	2007-001159	R-CHIP;75ohm,1%,1/10W,TP,1608	1 1	S.A S.A
4	R1426	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608		S.A
4	R1427	2007-001164	R-CHIP;750hm,1%,1/10W,TP,1608	1	S.A
4	R1611_OP	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
4	R1612_OP	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
4	R1624	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
4	R1625	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
4	R1626	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
4	R1635_OP	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
4	R1636	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
4	R1670_EU	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
4	R1440	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
4	R1441	2007-001167	R-CHIP;750hm,5%,1/10W,TP,1608	1	S.A
4	R1443	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
4	R1447 R1448	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608 R-CHIP:75ohm 5% 1/10W TP 1608	1 1	S.A S.A
4	R1448 R1449	2007-001167 2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608 R-CHIP;75ohm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1449 R1455	2007-001167	R-CHIP;750hm,5%,1/10W,TP,1608	1 1	S.A S.A
4	R1458	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1 1	S.A
4	R1623_DE	2007-001167	R-CHIP;750hm,5%,1/10W,TP,1608	1	S.A
4	R1632_EU	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
4	R1667_EU	2007-001167	R-CHIP;750hm,5%,1/10W,TP,1608	1	S.A
4	R2055	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
4	R2056	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
4	R2212	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
4	R3003_TEST	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
4	R3005_TEST	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
4	R3117	2007-008467	R-CHIP;2.26Kohm,1%,1/10W,TP,1608	1	S.A
4	RA2201	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
4	RA2202	2011-000002	R-NET;220hm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
4	RA2203	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
4	RA2204	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1 1	S.A
4	RA2205	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	'	S.A

RAZ200	Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
A RA228 2011.000051 RAPET226m (St. 1998.LCPIE 8PTF 2216 1 S.A.	4	RA2206	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
A	4	RA2207	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
A BA1936 2011-00055 RAFT[100ms, %, 1990L/LCHB 8TP 2216 1 S.A. RA1938 2011-00055 RAFT[100ms, %, 1990L/LCHB 8TP 2216 1 S.A. RA1938 2011-00055 RAFT[100ms, %, 1990L/LCHB 8TP 2216 1 S.A. RA1938 2011-00055 RAFT[100ms, %, 1990L/LCHB 8TP 2216 1 S.A. RA1938 2011-00055 RAFT[100ms, %, 1990L/LCHB 8TP 2216 1 S.A. RA1938 2011-00055 RAFT[100ms, %, 1990L/LCHB 8TP 12216 1 S.A. RA1938 2011-00055 RAFT[100ms, %, 1990L/LCHB 8TP 12216 1 S.A. RA1938 2011-00055 RAFT[200ms, 5%, 1990L/LCHB 8TP 12216 1 S.A. RA1938 2011-00055 RAFT[200ms, 5%, 1990L/LCHB 8TP 12216 1 S.A. RA1938 2011-00055 RAFT[200ms, 5%, 1990L/LCHB 8TP 12217 1 S.A. RA1938 2011-00055 RAFT[200ms, 1990L/CHB 8TP 12217 1 S.A. RA1938 2011-00055 RATE[200ms, 1990L/CHB 8TP 122	4	RA2208	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
A RANSON	4	RA1804			1	l
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A RASTOS						
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A RASTID					· .	l
A RASTIC 2011-00081 R-NET330m/SM, 19ML/LCHR RP TT 22AL 1 S.A.					1	l
A					1	l
A RASTIS 2011-000881 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-000881 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-000881 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-000881 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-000881 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-000881 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-000881 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-000881 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-000881 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-000881 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-000091 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.24.1 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.21 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.21 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.21 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.21 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.21 6 1 S.A. RASSOR 2011-001001 RAFTSSMORMS, MEMOL CHIP RP TP 3.21 6 1 S.A. RA					1	1
A RA208		RA3115		R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
A BA207B 2011-00081 R-NET-30mm St. 1/19W.L.CHIP 8/TP 3.2/1. 1 S.A	4	RA3205	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
A	4	RA3206	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
A	4	RA3207	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
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4					1	l
RA2214						l
RA216						l
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4					1	l
4 RA1803 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1810 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1812 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1813 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1815 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1816 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1816 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1818 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1818 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1820 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1821 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA1822 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A RA3201 2011-001093 R-NET;100OHM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A C-CER,CHIP;100F,480-20%,25V,Y5V,1608 1 S.A C-CER,CHI					1	
4					1	l
4 RA1812 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA1815 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA1816 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA1816 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA1818 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA1820 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA1821 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA1822 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA1822 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA1822 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA3202 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA3201 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA3202 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 RA3202 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A4 C1106 2020-00189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1111 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1111 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1120 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1120 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1121 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1143 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1144 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1168 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1168 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1161 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1216 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A4 C1216 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1		RA1806	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
4 RA1813 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA1816 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA1818 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA1818 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA1820 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA1821 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA1822 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA1823 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA1823 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA3201 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA3201 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 RA3202 2011-001093 R.NET;1000HM,5%,1/16W,LCHIP,8P,TP,3216 1 S.A 4 C1106 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1111 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1112 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1120 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1120 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1121 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1122 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1129 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1144 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1141 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1168 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1168 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1168 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1214 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C.OER,CHIP;1000F,80-20%,25V,Y5V,1608 1 S.A 4 C1217 2203-000189 C.OER,CHIP;100	4	RA1810	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
4 RA1815 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1816 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1818 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1820 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1821 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1822 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1822 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1823 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3201 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3202 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3202 2011-001093 R.NET;1000HM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 C1106 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1111 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1111 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1120 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1122 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1122 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1123 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1143 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1143 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1144 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1151 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1151 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1168 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1168 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1168 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1170 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1171 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1171 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,1608 1 S.A4 C1216 2203-000189 C.CER,CHIP;1000F,8D-20%,25V,Y5V,160	4	RA1812	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
4 RA1816 2011-001093 R-NET.100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1818 2011-001093 R-NET.100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1820 2011-001093 R-NET.100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1821 2011-001093 R-NET.100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1822 2011-001093 R-NET.100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1823 2011-001093 R-NET.100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3201 2011-001093 R-NET.100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3202 2011-001093 R-NET.100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3202 2011-001093 R-NET.100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 C1106 2203-000189 C-CER,CHIP;1000F,8P,7P,3216 1 S.A4 C1111 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1111 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1112 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1120 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1121 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1122 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1122 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1121 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1122 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1123 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1143 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1168 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1168 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1170 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1171 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1168 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1171 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1216 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1216 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C1216 2203-000189 C-CER,CHIP;1000F,8P,20%,25V,Y5V,1608 1 S.A4 C12	4	RA1813	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
RA1818 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA1820 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA1821 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA1822 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA1823 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA3201 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA3201 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA3202 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA3202 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA3201 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA3202 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A RA3201 2011-001093 C-CER,CHIP;1000F,80-20%,25V,75V,1608 1 S.A RA3201 2011-001093 C-CER,CHIP;1000F,80-20%,25V,75V,1608 1 S.A RA3201 R	4	RA1815		R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
RA1820 2011-001093 R.NET;100OHM,5%,1/16W,L.CHIP,8P,TP,3216 1 S.A	4		2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	l
4 RA1821 2011-001093 R-NET;1000HM,5%;1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1822 2011-001093 R-NET;1000HM,5%;1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA1823 2011-001093 R-NET;1000HM,5%;1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3201 2011-001093 R-NET;1000HM,5%;1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3202 2011-001093 R-NET;1000HM,5%;1/16W,L,CHIP,8P,TP,3216 1 S.A4 C1106 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1111 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1118 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1120 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1120 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1120 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1122 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1124 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1143 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1144 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1144 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1151 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1168 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1168 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1170 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1170 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1171 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1214 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1216 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1217 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1218 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1219 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1219 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1219 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A4 C1210 2203-000189 C-CER,CHIP;100nF,8D-20%;25V,Y5V,1608 1 S.A					1	l
4 RA1822 2011-001093 R-NET;1000HM,5%;1/16W,L,CHIP,8P,TP,3216 1 S.A 4 RA1823 2011-001093 R-NET;1000HM,5%;1/16W,L,CHIP,8P,TP,3216 1 S.A 4 RA3201 2011-001093 R-NET;1000HM,5%;1/16W,L,CHIP,8P,TP,3216 1 S.A 4 RA3202 2011-001093 R-NET;1000HM,5%;1/16W,L,CHIP,8P,TP,3216 1 S.A 4 C1106 2203-000189 C-CER,CHIP;100nF,480-20%,25V,75V,1608 1 S.A 4 C1111 2203-000189 C-CER,CHIP;100nF,480-20%,25V,75V,1608 1 S.A 4 C1120 2203-000189 C-CER,CHIP;100nF,480-20%,25V,75V,1608 1 S.A 4 C1122 2203-000189 C-CER,CHIP;100nF,480-20%,25V,75V,1608 1 S.A 4 C1122 2203-000189 C-CER,CHIP;100nF,480-20%,25V,75V,1608 1 S.A 4 C1129 2203-000189 C-CER,CHIP;100nF,480-20%,25V,75V,1608 1 S.A 4 C1143 2203-000189 C-CER,CHIP;100nF,480-20%,25V,75V,1608 1 S.A 4 C1151 2203-000189 <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>l</td>					1	l
4 RA1823 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3201 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3202 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 C1106 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1111 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1118 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1120 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1122 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1143 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1140 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1141 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1141 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1171 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A						l
4 RA3201 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 RA3202 2011-001093 R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216 1 S.A4 C1106 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1111 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1118 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1120 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1122 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1143 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1144 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A						l
4 RA3202 2011-001093 R-NET;1000HM,5%,1/16W,L_CHIP,8P,TP,3216 1 S.A4 C1106 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1111 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1118 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1120 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1122 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1143 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1144 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A						l
4 C1106 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A 4 C1111 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A 4 C1118 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A 4 C1120 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A 4 C1122 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A 4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A 4 C1143 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A 4 C1144 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A 4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A 4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 S.A 4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,75V,1608 1 </td <td></td> <td></td> <td></td> <td></td> <td>1 1</td> <td>l</td>					1 1	l
4 C1111 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1118 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1120 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1122 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1143 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1144 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 </td <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>l</td>					1	l
4 C1118 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1120 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1122 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1143 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1144 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 </td <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>l</td>					1	l
4 C1120 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1122 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1143 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1144 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 </td <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>l</td>					1	l
4 C1122 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1143 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1144 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>l</td>						l
4 C1129 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1143 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1144 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 </td <td></td> <td></td> <td></td> <td></td> <td>· .</td> <td>l</td>					· .	l
4 C1143 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1144 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1<						l
4 C1144 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1<					1	
4 C1151 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1168 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1<					1	l
4 C1170 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A		C1151			1	l
4 C1178 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A	4	C1168	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4 C1214 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A	4	C1170	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4 C1216 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A	4		2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	l
4 C1217 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A	4		2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	l
4 C1218 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A 4 C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A	4				1	l
4 C1219 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A					1	1
4 C1220 2203-000189 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 1 S.A					1	1
						l
4 G1ZZ1 Z203-000189 G-GER,GHIP;1000F,+80-20%,25V,Y5V,1608 1 S.A						l
	4	C1221	2203-000189	U-UEK,UMIP,700NF,+80-20%,25V,Y5V,7608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	C1221	2202 000190	C CED CUID:400xE +00 200/ 25/ VEV 4500	4	S.A
4	C1231 C1232	2203-000189 2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1 1	S.A S.A
4	C1252	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1 1	S.A
4	C1281	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1 1	S.A
4	C1282	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608		S.A
4	C1295	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1 1	S.A
4	C1296	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1 1	S.A
4	C1298	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1300	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1303	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1319	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1339	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1402	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1414	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1416	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1427	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1428	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1429	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1430	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1445	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1446	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1448	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1449	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1450	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1451	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1452	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1453	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1454	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1645	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1648	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1819	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1820	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C1851	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2074	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2077_UX	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2078_UX	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2079_UX	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2085	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2088	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2091	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2092	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2093	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2095	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2096	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2100	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2102	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2121	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2224	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2272_FBE	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2273_FBE	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2274_FBE	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2281_FBE	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2282_FBE	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2283_FBE	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2302_FBE	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2304_FBE	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
4	C2305_FBE	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1 1	S.A
4	C2316_FBE	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	ı	S.A
4	C2227	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,2012	1 1	S.A
4	C2228	2203-000204	C-CER,CHIP;100nF,10%,25V,X7R,2012	1 1	S.A
4	C2217	2203-000221 2203-000236	C-CER,CHIP;100nF,20%,50V,Y5V,TP,3216	1 1	S.A
4	C1293 C1309	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608 C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1 1	S.A S.A
4	01003	2200-000200	O OEIN,OHH ,OHH ,O/0,OUV,OUO,1000	'	J.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	C1408	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C1409	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C1417	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C1418	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C1419	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C1420	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C1601_OP	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C1605	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C1607 C1608_OP	2203-000236 2203-000236	C-CER, CHIP;0.1nF,5%,50V,C0G,1608	1	S.A S.A
4	C1606_OP	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608 C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A S.A
4	C1611_E0	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	'	S.A
4	C1622	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C1623_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C3026	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
4	C1101	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1116	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1121	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1130	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1138	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1148	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1155	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1164	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1173	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1174	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1647	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1652	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1653	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1654_PAD	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C1655 C1656_LAMP	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A S.A
4	C1656_LAIVIP	2203-000257 2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608 C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A S.A
4	C2027	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	'	S.A
4	C2032	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1 1	S.A
4	C2033	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2034	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2035	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2043	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2044	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2045	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2105	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2106	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2107	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2108	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2109	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2110	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2111	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2113	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2114 C2115	2203-000257 2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608 C-CER,CHIP;10nF,10%,50V,X7R,1608	1 1	S.A S.A
4	C2115 C2116	2203-000257	C-CER,CHIP;10IF;10%,50V,X7K,1008 C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A S.A
4	C2116 C2117	2203-000257	C-CER,CHIP;10IIP;10W,50V,X7K,1000 C-CER,CHIP;10nF,10W,50V,X7R,1608	1	S.A S.A
4	C2117	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608		S.A
4	C2119	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2206	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2207	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2208	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2209	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2210	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2221	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2231	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2268_LCD	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2269_LCD	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2275_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2276_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2277_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	C2284_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2285_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2286_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2293_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2294_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2295_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2296_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2297_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2312_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
4	C2313_FBE	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1 1	S.A
4	C2314_FBE C2315_FBE	2203-000257 2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608 C-CER,CHIP;10nF,10%,50V,X7R,1608	1 1	S.A S.A
4	C2315_FBE C2317_FBE	2203-000257	C-CER,CHIP;10In;10/0,50V,X7N,1008		S.A S.A
4	C3010	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1 1	S.A
4	C3011	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608		S.A
4	C1855	2203-000332	C-CER,CHIP;0.012nF,5%,50V,C0G,1608		S.A
4	C1856	2203-000332	C-CER,CHIP;0.012nF,5%,50V,C0G,1608	1	S.A
4	C1205	2203-000426	C-CER,CHIP;0.018nF,5%,50V,C0G,1608	1	S.A
4	C1206	2203-000426	C-CER,CHIP;0.018nF,5%,50V,C0G,1608	1	S.A
4	C2080	2203-000426	C-CER,CHIP;0.018nF,5%,50V,C0G,1608	1	S.A
4	C2082	2203-000426	C-CER,CHIP;0.018nF,5%,50V,C0G,1608	1	S.A
4	C1215	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1230	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1272	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1273	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1274	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1277	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1279	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1283	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1 1	S.A
4	C1291 C1292	2203-000440 2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608 C-CER,CHIP;1nF,10%,50V,X7R,1608		S.A S.A
4	C1292 C1294	2203-000440	C-CER,CHIP;1017,1008,50V,X7K,1008		S.A S.A
4	C1299	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608		S.A
4	C1308	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608		S.A
4	C1310	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1 1	S.A
4	C1311	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1816	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1818	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1823	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C1843	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C2219	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C2257_LCD	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
4	C2288_FBE	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1 1	S.A
4	C2289_FBE	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1 1	S.A
4	C2299_FBE	2203-000440	C-CER, CHIP;1nF,10%,50V,X7R,1608	1	S.A s A
4	C2300_FBE C2301_FBE	2203-000440 2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608 C-CER,CHIP;1nF,10%,50V,X7R,1608	1 1	S.A S.A
4	C2301_FBE C1105	2203-000440	C-CER,CHIP; HIP, 10%,50V,X7R,1608 C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	S.A S.A
4	C2019	2203-000491	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	'1	S.A
4	C2030	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1 1	S.A
4	C1824	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
4	C1825	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
4	C3223	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
4	C3224	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
4	C3005	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
4	C3019	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
4	C3023	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
4	C3030	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
4	C1403	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
4	C1404	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
4	C1411	2203-000783	C-CER, CHIP;0.33nF, 5%, 50V, C0G, 1608	1	S.A S.A
4	C1412 C1457	2203-000783 2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608 C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1 1	S.A S.A
4	C1457 C1458	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1 1	S.A S.A
4	C1436 C1603_OP	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608		S.A S.A
4	C1604_EU	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1 1	S.A
4	C1606_EU	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
4	C1609_OP	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
		i .			

C	Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
CHIELD P 223-900783	4	C1610 OP	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
Cell City OP 2023-000783		_			1	
Cell 228-000783		C1614_OP	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
CHEPT 2019-000095	4	C1615_OP	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
A	4	C1619	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
C1916 DE C2014 C2014	4	C1621	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608		S.A
		C1317_DE	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	· '	S.A
A		_	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608		
A						
C+107						
4.4 C1223 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608 1 S.A. 4.4 C1226 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608 1 S.A. 4.4 C1226 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608 1 S.A. 4.4 C1226 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608 1 S.A. 4.4 C1226 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608 1 S.A. 4.4 C1226 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608) 1 S.A. 4.4 C1226 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608) 1 S.A. 4.4 C1226 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608) 1 S.A. 4.4 C1226 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608) 1 S.A. 4.4 C1226 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608) 1 S.A. 4.4 C1226 2203 000888 C-CERC-UNIP ATTE (100,000 V/Th 1608) 1 S.A.						
A						
A.4 C1226 2219,00888 CCFER.CHIPE.A.TOR.IDV.SEM.1981 1 S.A. 4.4 C1237 2203,00888 CCFER.CHIPE.A.TOR.IDV.SEM.1988 1 S.A. 4.4 C1238 2203,00888 CCFER.CHIPE.A.TOR.IDV.SEM.1988 1 S.A. 4.6 C1239 2203,00888 CCFER.CHIPE.A.TOR.IDV.SEM.1988 1 S.A. 4.6 C1261 2203,00888 CCFER.CHIPE.A.TOR.IDV.SEM.1988 1 S.A. 4.6 C1261 2203,00888 CCFER.CHIPE.A.TOR.IDV.SEM.1988 1 S.A. 4.6 C1261 2203,00888 CCFER.CHIPE.A.TOR.IDV.SEM.NYR.1608 1 S.A. 4.7 C1263 2203,00888 CCFER.CHIPE.A.TOR.IDV.SEM.NYR.1608 1 S.A. 4.7 C1265 2203,00888 CCFER.CHIPE.A.TOR.IDV.SEM.NYR.1608 1 S.A. 4.7 C1267 2203,00888 CCFER.CHIPE.A.TOR.IDV.SEM.NYR.1608 1 S.A. 4.7 C1267 2203,00888 CCFER.CHIPE.A.TOR.IDV.SEM.NYR.1608 1 S.A. 4.7 C1						
A					· '	
A						
A						
A						
C1282						
C1283					1	
A					1	
A	4	C1264	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
C1286		C1265	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
C1268 2203-00088		C1266	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
4	4	C1267	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
4 C2204 2203-000888	4	C1268	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
		C2203	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
4	4		2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608		
4						
4						
4		_				
4 C2320_FBE						
4 C1203 2203-001222 C-CER,CHIP;0.82nF,10%,50V,XTR,1608 1 S.A C1227 2203-001222 C-CER,CHIP;0.82nF,10%,50V,XTR,1608 1 S.A C.CER,CHIP;0.82nF,10%,50V,XTR,1608 1		_				
4		_			· .	
C1227 2203-001222 C-CER,CHIP;08,50V,X7R,1608 1						
C1202 2203-001402 C-CER,CHIP;220nF,80-20%,16V,Y5V,TP,1608 1						
C1139 2203-001607 C-CER,CHIP;0.22nF,5%,50V,NP0,1608 1 S.A						
4 C3001 2203-001630						
C3002 2203-001630 C-CER,CHIP;330nF,F80-20%,16V,Y5V,1608 1						
4 C1630_UX 2203-001656						
4 C1285		C1630_UX	2203-001656		1	
C1290 2203-002398 C-CER,CHIP;22nF,10%,50V,X7R,1608 1	4	C1284	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
C1290 2203-002398 C-CER,CHIP;22nF,10%,50V,X7R,1608 1	4	C1285	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
4 C1109 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1119 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1128 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1145 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1147 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1153 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1154 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1157 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1159 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1161_LCD 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1162 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A <		C1290	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
4 C1119 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1128 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1145 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1147 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1153 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1154 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1157 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1159 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1161_LCD 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1162 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A <	4	C1316	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
4 C1128 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1145 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1147 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1153 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1154 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1157 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1159 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1161_LCD 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1162 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1425 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A <	4		2203-005005			
4 C1145 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1147 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1153 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1154 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1157 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1159 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1161_LCD 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1162 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1625 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A <					1	
4 C1147 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1153 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1154 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1157 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1159 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1161_LCD 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1162 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1425 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1625 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1628_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608					1	
4 C1153 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1154 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1157 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1159 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1161_LCD 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1162 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1425 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1625 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1628_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A						
4 C1154 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1157 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1159 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1161_LCD 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1162 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1425 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1625 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1628_UX 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1633_UX 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF;10%,16V,X7						
4 C1157 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1159 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1161_LCD 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1162 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1425 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1625 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1628_UX 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF;10%,16V,X7R;1608 1 S.A 4 C1633_UX 2203-005005 C-CER,CHIP;100nF;10%;16V,X7R;1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF;10%;16V,X7R;1608 1 S.A						
4 C1159 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1161_LCD 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1162 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1425 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1625 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1628_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1633_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A						
4 C1161_LCD 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1162 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1425 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1625 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1628_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1633_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
4 C1162 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1183 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1425 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1625 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1628_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1633_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A <td></td> <td></td> <td></td> <td></td> <td>1 1</td> <td></td>					1 1	
4 C1183 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1425 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1625 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1628_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1633_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A		_			1	
4 C1425 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1625 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1628_UX 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1633_UX 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%;16V,X7R,1608 1 S.A						
4 C1625 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1628_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1633_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A						
4 C1628_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1631_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1633_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A						
4 C1631_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1633_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A						
4 C1633_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1635_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A 4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A		_				
4		_				
4 C1637_UX 2203-005005 C-CER,CHIP;100nF,10%,16V,X7R,1608 1 S.A		_			1	
			2203-005005		1	S.A
		C1638_UX	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	C4C40 LIV	2202 005005	C CED CUIDAON-F 400/ 401/ YFD 4000	4	C A
4	C1640_UX C1650_RED	2203-005005 2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608 C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A S.A
4	C1826	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A
4	C1827	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A
4	C1829	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C1830	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C1831	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C1836	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C1837	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C1838	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C1847	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C1849	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C1854	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A
4	C2201 C2202	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A S.A
4	C2202 C2214	2203-005005 2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608 C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A S.A
4	C2215	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608		S.A
4	C2216	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A
4	C2218	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C2230	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C2234	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C2253_LCD	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C2265_LCD	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3013	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3016	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3017	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3101	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3102	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3103 C3104	2203-005005 2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608 C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A S.A
4	C3104 C3105	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A S.A
4	C3106	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608		S.A
4	C3107	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3109	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3110	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3111	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3112	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3113	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3114 C3115	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A S.A
4	C3116	2203-005005 2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608 C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A S.A
4	C3117	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608		S.A
4	C3118	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A
4	C3119	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3121	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3122	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3123	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3124	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3125	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3127 C3128	2203-005005 2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608 C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A S.A
4	C3126 C3129	2203-005005	C-CER,CHIP;100HF,10%,16V,X7R;1608	1 1	S.A S.A
4	C3129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A
4	C3130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A
4	C3132	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3133	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3134	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3135	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3136	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3137	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3138	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3139	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4	C3140 C3141	2203-005005 2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A s.a
4	C3141 C3142	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608 C-CER,CHIP;100nF,10%,16V,X7R,1608	1 1	S.A S.A
l	30112		5 5=1,55 ,100m ,100m,101,7111,1000	'	0.71

A	Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
A	4	C3143	2203-005005	C-CER CHIP:100nF 10% 16V X7R 1608	1	S A
A			l			
C3147		C3145	2203-005005		1	S.A
	4	C3146	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
		C3147	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608		S.A
A			l			
A			l			
A			l			
A			l			
A			l			
A			l			
A			l			
A			l			
-4			l			
-4	4	C3158	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
4		C3159	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
	4	C3160	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
A	4	C3161	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608		S.A
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		C3219	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
	4	C3220	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
C1278 2203-005030 C-CER,CHIP;470nF;480-20%;50V,YSV,TP,3216 1		C3221	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
C1302		C3222	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608		S.A
4 C1125	4		2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216		
4 C1132			l			1 1
4 C1135_LCD			l			
C1146 2203-005065 C-CER,CHIP;1000nF;+80-20%,10V;75V;1608 1 S.A			l			1 1
		_	l			
4 C1286 2203-005065			l			
4 C1288			l			
4 C1289			l			
			l			
4 C1852 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608 1 S.A 4 C2003 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608 1 S.A 4 C2004 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608 1 S.A 4 C2008 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608 1 S.A 4 C2011 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608 1 S.A 4 C2011 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608 1 S.A 4 C2014 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608 1 S.A 4 C2016 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608 1 S.A 4 C2017 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608 1 S.A 4 C2020 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608 1 S.A 4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%;10V,Y5V,1608			l			
4 C2003 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2004 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2006 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2008 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2011 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2014 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2016 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2017 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2020 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2023 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608			l			
4 C2004 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2006 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2008 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2011 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2014 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2016 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2017 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2020 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2023 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608			l		1	
4 C2008 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2011 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2014 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2016 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2017 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2020 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2023 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2024 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2024 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2039 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	4	C2004	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
4 C2011 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2014 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2016 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2017 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2020 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2023 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2024 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2031 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2031 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	4	C2006	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
4 C2014 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2016 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2017 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2020 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2023 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2024 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2031 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2039 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608			l			
4 C2016 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2017 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2020 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2023 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2024 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2031 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2039 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608			l			
4 C2017 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2020 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2023 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2024 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2031 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2039 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608			l			
4 C2020 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2023 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2024 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2031 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2039 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608						
4 C2022 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2023 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2024 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2031 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2039 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;10000nF,+80-20%,10V,Y5V,1608			l			
4 C2023 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,75V,1608 1 S.A 4 C2024 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,75V,1608 1 S.A 4 C2031 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,75V,1608 1 S.A 4 C2039 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,75V,1608 1 S.A 4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,75V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,75V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,75V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,75V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,75V,1608 1 S.A			l			
4 C2024 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2031 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2039 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A			l			
4 C2031 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2039 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A			l			
4 C2039 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A			l			
4 C2040 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A			l			
4 C2041 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A 4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A			l			
4 C2042 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A S.A			l			
4 C2052 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A			l		1	
4 C2055 2203-005065 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 1 S.A		C2052	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
	4	C2055	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	02050	2202 005005	C CED CUID4000-F +00 200/ 40V VEV 4000	4	C A
4	C2056 C2059	2203-005065 2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1 1	S.A S.A
1 1	C2059	2203-005065	C-CER,CHIP;1000IF,+80-20%,10V,15V,1608		S.A S.A
4	C2061	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,15V,1608	1 1	S.A S.A
4	C2061	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,15V;1008		S.A S.A
4	C2002 C2070	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,15V;1608		S.A
4	C2070	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,15V,1608		S.A S.A
4	C2072	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,16V8	1 1	S.A
4	C2073	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608		S.A
4	C2075	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1 1	S.A
4	C2076	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1 1	S.A
4	C2255_LCD	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
4	C2256_LCD	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
4	C1210	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
4	C1276	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
4	C1280	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
4	C1297	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
4	C1305	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
4	C1321	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
4	C1322	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
4	C1323	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
4	C1324	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
4	C1222	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1223	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1224	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1225	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1237	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1238	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1239	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1240	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1241	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1242	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1243	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1244	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1245	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1247	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1249	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C1250	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C3217	2203-005918	C-CER,CHIP;1000nF,10%,6.3V,X7R,1608	1	S.A
4	C2213	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
4	C3012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
4	C1102	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1103	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1114	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1124	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1152	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1156	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1160_LCD	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1166_LCD	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1208	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1211	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1212	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1213	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1228	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1229	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1246	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1248	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1251	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1252	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1253	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1254	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1255	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1271	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1301	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1304	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1401	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1413	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4	C1415	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A

4 C1464 2205-003881 C-CER-CHP-10000R-F10N,109/38R-2012 1 S.A. 4 C1457 2205-003881 C-CER-CHP-10000R-F10N,109/38R-2012 1 S.A. 5 C1457 2205-003881 C-CER-CHP-10000R-F10N,109/38R-2012 1 S.A. 6 C1458 2205-003881 C-CER-CHP-10000R-F10N,109/38R-2012 1 S.A. 6 C1459 2205-003881 C-CER-CHP-10000R-F10N,109/38R-2012 1 S.A. 6 C1450 2205-003881 C-CER-CHP-10000R-F10N,109/38R-2012 1 S.A. 6 C1451 2205-003881 C-CER-CHP-10000R-F10N,109/38R-2012 1 S.A. 6 C1552 LUX 2205-003881 C-CER-CHP-10000R-F10N,109/38R-2012 1 S.A. 6 C1552 LU	Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
C4426	4	C1424	2203-006361	C-CER.CHIP:10000nF.10%.10V.X5R.2012	1	S.A
C442						l
A	4	C1431	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
	4	C1432	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
A	4	C1433	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012		S.A
C1447			2203-006361			
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C+490						l
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		C1636_UX	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
A		C1639_UX	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
A		C1641_UX	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
A	4	C1642_UX	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012		S.A
	4					l
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C1839					· .	
						l
						l
A						l
4 C2088						
4 C2290	1					
C2205 2203-006381 C-CER.CHIP-10000nF.10%,10V.XSR,2012 1 S.A.					· .	
4 C2220 2203-060361 C-CER.CHIP;10000nF;10%;10V,XSR,2012 1 S.A						
4						
4						
4 C2266_LCD 2203-006361 C-CER_CHIP;10000nF;10%,10V,X5R,2012 1 S.A					1	
C2266 LCD 2203-006361 C-CER.CHIP:100006F.10%.10V.XSR.2012 1 S.A	4	C2233	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
4 C2271		C2266_LCD	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
C2280_FBE	4	C2270	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
	4	C2271	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
C2298 FBE 2203-006361 C-CER,CHIP;10000nF,10%,10V,X5R,2012 1 S.A		_				
C3007 2203-006361 C-CER,CHIP;10000nF,10%,10V,X5R,2012 1 S.A		_				
C3008 2203-06361 C-CER,CHIP;10000nF,10%;10V,X5R,2012 1 S.A		_				
4 C3015 2203-006361 C-CER,CHIP;10000nF,10%;10V,X5R,2012 1 S.A4 C3018 2203-006361 C-CER,CHIP;10000nF,10%;10V,X5R,2012 1 S.A4 C1117 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1127 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1131 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1140 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1150 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1158 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1158 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1204 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1204 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1270 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1270 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C2211 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C2212 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1123 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1123 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1123 2402-001128 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1149 2402-001129 C-AL,SMD;100¥iF,20%;16V,-TP,6.3X5.7mm 1 S.A4 C1149 2402-001129 C-AL,SMD;40¥iF,20%;16V,-TP,6.3X5.2MM 1 S.A4 C1169 2402-001129 C-AL,SMD;40¥iF,20%;16V,-TP,6.3X5.2MM 1 S.A4 C1669 2402-001129 C-AL,SMD;40¥iF,20%;16V,-TP,6.3X5.2MM 1 S.A4 C1649 2402-00129 C-AL,SMD;40¥iF,20%;16V,-TP,6.3X5.2MM 1 S.A4 C1649 2402-00						
						l
C1117 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C1127 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C1131 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C1140 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C1150 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C1158 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C1204 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C1204 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C1269 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C2210 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C2211 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C2212 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C2212 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C2212 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C3212 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C3212 2402-001128 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C1123 2402-001129 C-AL,SMD;100¥F,20%,16V,-TP,6.3X5.7mm 1 S.A C1149 2402-001129 C-AL,SMD;40¥F,20%,16V,-TP,6.3X5.2mM 1 S.A C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A C1022 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A C1029 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A C1029 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A C1029 2402-001129 C-AL,SMD;4						l
4 C1131 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.7mm 1 S.A 4 C1140 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.7mm 1 S.A 4 C1150 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.7mm 1 S.A 4 C1158 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.7mm 1 S.A 4 C1204 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.7mm 1 S.A 4 C1269 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.7mm 1 S.A 4 C1270 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.7mm 1 S.A 4 C2211 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.7mm 1 S.A 4 C2212 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.7mm 1 S.A 4 C2212 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥F,20%;16V,-TP,6.3X5.2mm 1						l
4 C1140 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1150 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1158 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1204 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1269 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1270 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2211 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;40ViF,7P,6.3X5.7mm 1 S.A 4 C1123 2402-001129 C-AL,SMD;40ViF,20%,16V,VT,TP,6.3X5.2MM 1 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>l</td>						l
4 C1150 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1158 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1204 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1269 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1270 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2211 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1123 2402-001129 C-AL,SMD;47UF,20%,16V,-TTP,6.3X5.2MM 1 S.A 4 C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM						l
4 C1158 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1204 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1269 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1270 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2211 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2267_LCD 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1123 2402-001129 C-AL,SMD;40¥iF,20%,16V,-,TP,6.3X5.2MM 1 S.A 4 C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM						l
4 C1204 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1269 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1270 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2211 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2267_LCD 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1143 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>l</td>					1	l
4 C1269 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C1270 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C2211 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C2212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C2267_LCD 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C1123 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C137 2402-001129		C1204	2402-001128	C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm	1	S.A
4 C1270 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C2211 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C2212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C2267_LCD 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C1123 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1179 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1222 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM <td< td=""><td></td><td>C1269</td><td>2402-001128</td><td>C-AL,SMD;100¥ìF,20%,16V,-,TP,6.3X5.7mm</td><td>1</td><td>S.A</td></td<>		C1269	2402-001128	C-AL,SMD;100¥ìF,20%,16V,-,TP,6.3X5.7mm	1	S.A
4 C2212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C2267_LCD 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-,TP,6.3X5.7mm 1 S.A 4 C1123 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1179 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C137 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C137 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1137 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,5.3X5.3X6MM	4		2402-001128	C-AL,SMD;100¥ìF,20%,16V,-,TP,6.3X5.7mm		
4 C2267_LCD 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C1123 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1179 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C2222 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1137 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.3X6MM 1 S.A 4 C1209 2402-001128 C-AL,SMD;47UF,20%,36V,WT,TP,5.3X5.3X6MM 1 S.A 4 C1209 2402-001226 C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.2mm	1				1	
4 C3212 2402-001128 C-AL,SMD;100¥iF,20%,16V,-TP,6.3X5.7mm 1 S.A 4 C1123 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1179 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C2222 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1137 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.3X6MM 1 S.A 4 C1209 2402-001183 C-AL,SMD;47UF,20%,35V,HR,TP,4.3X4.3X5.8 1 S.A 4 C1104 2402-001226 C-AL,SMD;4.7UF,20%,50V,HR,TP,4.3X4.3X5.2mm 1 S.A	1				1	
4 C1123 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1179 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C2222 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1137 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,5.3X5.3X6MM 1 S.A 4 C1209 2402-001183 C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 1 S.A 4 C1104 2402-001238 C-AL,SMD;1uF,20%,50V,HR,TP,4.3X4.3X5.2mm 1 S.A		_			1 1	
4 C1149 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1179 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C2222 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1137 2402-001183 C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM 1 S.A 4 C1209 2402-001226 C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 1 S.A 4 C1104 2402-001238 C-AL,SMD;1uF,20%,50V,HR,TP,4.3X4.3X5.2mm 1 S.A					1 1	l
4 C1179 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C2222 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1137 2402-001183 C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM 1 S.A 4 C1209 2402-001226 C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 1 S.A 4 C1104 2402-001238 C-AL,SMD;1uF,20%,50V,HR,TP,4.3X4.3X5.2mm 1 S.A						l
4 C1627_UX 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C2222 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1137 2402-001183 C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM 1 S.A 4 C1209 2402-001226 C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 1 S.A 4 C1104 2402-001238 C-AL,SMD;1uF,20%,50V,HR,TP,4.3X4.3X5.2mm 1 S.A						l
4 C1649 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C2222 2402-001129 C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM 1 S.A 4 C1137 2402-001183 C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM 1 S.A 4 C1209 2402-001226 C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 1 S.A 4 C1104 2402-001238 C-AL,SMD;1uF,20%,50V,HR,TP,4.3X4.3X5.2mm 1 S.A						l
4 C2222 2402-001129 C-AL,SMD;47UF,20%;16V,WT,TP,6.3X5.2MM 1 S.A 4 C1137 2402-001183 C-AL,SMD;22UF,20%;16V,WT,TP,5.3X5.3X6MM 1 S.A 4 C1209 2402-001226 C-AL,SMD;4.7UF,20%;35V,HR,TP,4.3X4.3X5.8 1 S.A 4 C1104 2402-001238 C-AL,SMD;1uF,20%;50V,HR,TP,4.3X4.3X5.2mm 1 S.A						l
4 C1137 2402-001183 C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM 1 S.A 4 C1209 2402-001226 C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 1 S.A 4 C1104 2402-001238 C-AL,SMD;1uF,20%,50V,HR,TP,4.3X4.3X5.2mm 1 S.A						l
4 C1209 2402-001226 C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 1 S.A 4 C1104 2402-001238 C-AL,SMD;1uF,20%,50V,HR,TP,4.3X4.3X5.2mm 1 S.A					1	l
4 C1104 2402-001238 C-AL,SMD;1uF,20%,50V,HR,TP,4.3x4.3x5.2mm 1 S.A					1	l
					1	l
		C1110	2402-001263		1	S.A
	L					

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	C1165	2402-001263	C-AL,SMD;1000uF,20%,10V,WT,SMD,10x10	1	S.A
4	C1167	2402-001263	C-AL,SMD;1000uF,20%,10V,WT,SMD,10x10	1 1	S.A
4	C1177	2402-001263	C-AL,SMD;1000uF,20%,10V,WT,SMD,10x10	1	S.A
4	C1275	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
4	C1287	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
4	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	1	S.A
4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1 1	S.A
4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608 INDUCTOR-SMD;2.2uH,10%,1608	1 1	S.A S.A
4	T0052 T0052	2703-001229 2703-001229	INDUCTOR-SMD,2.2uH,10%,1608	1 1	S.A S.A
4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1 1	S.A S.A
4	T0052	2703-001229	INDUCTOR-SMD;2:2uH,10%;1608	1 1	S.A S.A
4	T0052	2703-001229	INDUCTOR-SMD;2:2uH,10%;1608	1 1	S.A
4	T0052	2703-001426	INDUCTOR-SMD;680uH;20%,7070	1	S.A
4	T0052	2703-001420	INDUCTOR-SMD;3.3uH,20%,3225	1 1	S.A
4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
4	L1201	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A
4	L1202	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A
4	X1802	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A
4	X2001	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A
4	X1201	2801-003804	CRYSTAL-SMD;24.576MHz,30ppm,28-AAN,20pF,	1	S.A
4	X1801	2801-003923	CRYSTAL-SMD;10MHz,30ppm,28-AAN,20pF,60oh	1	S.A
4	X3201	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A
4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	S.A
4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm BEAD-SMD:60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A S.N.A
4	T0568 T0568	3301-001145 3301-001145	BEAD-SMD;600nm,4516,1P,700nm/45MHz,820nm BEAD-SMD;600hm,4516,TP,700hm/45MHz,820hm	1	S.N.A S.N.A
4 	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A S.N.A
4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A S.N.A
4	T0568	3301-001148	BEAD-SMD;600hm,1608,TP,-;-	1	S.N.A
4	T0568	3301-001163	BEAD-SMD;800hm;7000;11;7, BEAD-SMD;800hm;2012,TP;-,1920hm/867MHz	1	S.N.A
4	T0568	3301-001163	BEAD-SMD;800hm,2012,TP,-,1920hm/867MHz	1	S.N.A
4	T0568	3301-001176	BEAD-SMD;80ohm,2012,TP,-,-	1	S.N.A
4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A

A	Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4 T0568 3301-01124 BEAS-SILD Toform 21/2 (Binch, TP., O. form 1 S.A.	4	T0568	3301-001324	BEAD-SMD:15ohm 2012 600mA TP	1	S A
T05666 300-010124			l			
A T0668 3391-010124 SEAS-SIM:1567m-2012.00mA, TP_0.1 cfrom		T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	
4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (SOMA, TP. 4, 100m 1 S. A. 4 T0688 3301-01315 BEAD-SIM: Dishm 2012 (SOMA, TP. 4, 100m 1 S. A. 4 T0688 3301-01316 BEAD-SIM: Dishm 2012 (SOMA, TP. 4, 100m 1 S. A. 4 T0688 3301-01316 BEAD-SIM: Dishm 2012 (SOMA, TP. 4, 100m 1 S. A. 4 T0688 3301-01316 BEAD-SIM: Dishm 2012 (SOMA, TP. 4, 100m 1 S. A. 4 T0688 3301-01316 BEAD-SIM: Dishm 2012 (SOMA, TP. 4, 100m 1 S. A. 4 T0688 3301-01316 BEAD-SIM: Dishm 2012 (SOMA, TP. 4, 100m 1 S. A. 4 T0688 3301-01316 BEAD-SIM: Dishm 2012 (SOMA, TP. 4, 100m 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (SOMA, TP. 4, 100m 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 4 T0688 3301-01314 BEAD-SIM: Dishm 2012 (Th. 150 CHAM) (Molt) 1 S. A. 5 EAR-SIM: DIShm 2012 (Th. 150 CHAM) (Molt) 1 S.		T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
4	4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
T15698	4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm		S.A
A T0568 231-01933 BEAS-ND-Dischera. 2016. 1500m. P. P. 4 formet/Meth 1 S. N.A T0568 231-01933 BEAS-ND-Dischera. 2016. 1500m. P. P. 4 formet/Meth 1 S. N.A T0568 331-01933 BEAS-ND-Dischera. 2016. 1500m. P. P. 4 formet/Meth 1 S. N.A T0568 331-019404 BEAS-ND-Dischera. 2016. 1500m. P. P. 4 formet/Meth 1 S. N.A T0568 331-019404 BEAS-ND-Dischera. 2016. 1500m. P. P. 4 formet/Meth 1 S. N.A T0568 331-019404 BEAS-ND-Dischera. 2016. 171. 151. 151. 151. 151. 151. 151. 151	4		3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm		
T0668 3391-00138 BEAD-SIDD_Solom_2016_1500mA_TP_4 chomeMaleh 1 S.N.A			l		· ·	
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A Trosss 339-104164 BEAS-SMD 26hom 27/2 Ft 550-04/03004+ 1 S.A.						
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A T1568 331-001404 BEAD-SMD 2000m 2012, TP 15:00-H0/SMM12 1 S.A.			l			
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A T0568 3301-001404 BEAD-SMD-300m/212,TP,1590-HM00MHz 1 S.A			3301-001404		1	
A 10588 3301-001404 BEAD-SND-300m-2012_PT. § 50Pt-M000MHz 1 S.A.		T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A
A	4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A
		T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz		S.A
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4 JA1404 3701-001367 CONNECTOR-HDMI:19P.2R_FEMALE_SMD.AU 1 S.A. JA1407 3701-001451 IC-FLASH MEMORY.29W3200.04Ma22Mx16BLTS 1 S.N.A. JA1407 3801 BN97-013884 ASSY MICOM-TEOPREUP-10-1004 390A.2007.32 1 S.A. JA1407 3801 BN97-013886 IC-FLASH MEMORY.29W3200.04Ma22Mx16BLTS 1 S.N.A. JA1407 3801 BN97-013886 ASSY MICOM-TEOPREUP-10-1004 390A.2007.32 1 S.A. JA1407 3801 BN97-013886 ASSY MICOM-TEOPREUP-10-1004 390A.2007.32 1 S.A. JA1407 3801 BN97-013886 ASSY MICOM-TEOPREUP-10-1004 390A.7C-CALMPE 1 S.N.A. JA1407 3801 ASSY MICOM-TEOPREUP-10-1004 390A.7C-CALMPE 1 S.N.A. JA1407 4010-101099 DIODE-SWITCHING:IN4148WS,75V,150mA.50D-3 1 S.A. JA1407 4041-0101099 DIODE-SWITCHING:IN4148WS,75V,150mA.50D-3 1 S.A. JA1407 4041-0	1		l			
4 JA1407 3701-001367 CONNECTOR-HDMI;19P_2R_FEMALE_SMD_AU 1 S.A. M0018 BN97-01388 ASSY MICOMT-E0DXPDEU00-10Q-H300A_2007.03 1 S.N.A. M0018 BN97-01388 ASSY MICOMT-E0DXPDEU00-10Q-H300A_2007.32 1 S.N.A. M0018 BN97-01388 ASSY MICOMT-E0DXPMPEUD-10Q-H300A_2007.32 1 S.N.A. M0018 BN97-01388 ASSY MICOMT-EDDXPMPEUD-10Q-H300A_2007.32 1 S.N.A. LC115 1107-001453 IC-FLASH MEMORY_29W160E_16Mbit_2Mbd_FMMT 1 S.N.A. M0018 BN97-01388 ASSY MICOMT-EDDXPMPEUD-10Q-H300A_2007.3.2 1 S.N.A. M01406 M0019-01009 DIODE-SWITCHHSM-H448WS_75V_150mA_SOD-3 1 S.A. M01507 M011-001099 DIODE-SWITCHHSM-H448WS_75V_150mA_SOD-3 1 S.A. M01507 M011-001099 DIODE-SWITCHHSM-H448WS_75V_150mA_SOD-3 1 S.A. M01508 M011-001099 DIODE-SWITCHHSM-H448WS_75V_150mA_SOD-3 1 S.			l			
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M0018 BN97-01388B ASSY MICOM; T-BDPMPEUD-1004,N30A,2007.3.2 1 S.N.A	1		l			
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M0018 BN97-01388C ASSY MICOMT-BDPMPEUS-1004,N30A,T-CALMPE 1 S.N.A			l		1	
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4			0903-001485		1	
	4	D1456	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
	4	D1457	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
	4	D1507	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3		S.A
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4 IC104 0801-002633 IC-CMOS LOGIC:NCTWBD3125,2BIT BUS SWITCH 1 S.A	1		l		1	
4 IC012 1203-002995 IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P, 1 S.A 4 IC012 1203-002995 IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P, 1 S.A 4 T0170 1203-003059 IC-SWITCH VOL. REG.;MP1683,SOIC,8P,4.9x3 1 S.A 4 R1117 2007-000066 R-CHIP;2DKohm,1%,1/10W,TP,1608 1 S.A 4 R1118 2007-000067 R-CHIP;15Kohm,1%,1/10W,TP,1608 1 S.A 4 R1114 2007-000086 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1637_OP 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1121 2007-000312 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 R1122 2007-000012 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 R1112 2007-000012 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 R1112 2007-000012 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A			l			
4 IC012 1203-002995 IC-POSIADJUST REG.;AP1117D-A,TO-252,3P, 1 S.A 4 T0170 1203-003059 IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 1 S.A 4 R1117 2007-000066 R-CHIP;20Kohm,1%,1/10W,TP,1608 1 S.A 4 R1118 2007-000086 R-CHIP;56Kohm,5%,1/10W,TP,1608 1 S.A 4 R1121 2007-000086 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1637_OP 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1121 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1112 2007-000402 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 C1112 2207-000402 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 C11134 2203-000405 C-CER,CHIP;0.18nF,5%,50V,COG,1608 1 S.A 4 C1134 2203-000151 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3°5-9MM, 1 S.A	1		l			
4 T0170 1203-003059 IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 1 S.A 4 R1117 2007-000066 R-CHIP;20Kohm,1%,1/10W,TP,1608 1 S.A 4 R1118 2007-000067 R-CHIP;56Kohm,1%,1/10W,TP,1608 1 S.A 4 R1114 2007-000086 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1121 2007-000312 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1638_OP 2007-000312 R-CHIP;10ohm,5%,1/14W,TP,3216 1 S.A 4 R1112 2007-000312 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 R1112 2007-000402 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 C1112 2203-000405 C-CER,CHIP;0.18nF,5%,50V,COG,1608 1 S.A 4 C1134 2203-000715 C-CER,CHIP;3.3nF,10%,50V,XTR,1608 1 S.A 4 C1108 2409-001051 C-ORGANIC,82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A			l			
4 R1117 2007-000066 R-CHIP;20Kohm,1%,1/10W,TP,1608 1 S.A 4 R1118 2007-000067 R-CHIP;15Kohm,1%,1/10W,TP,1608 1 S.A 4 R1114 2007-000086 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1121 2007-000086 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1637_OP 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1112 2007-000412 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 R1112 2007-000402 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 C1112 2203-000405 C-CER,CHIP;0.18nF,5%,50V,COG,1608 1 S.A 4 C1134 2203-000715 C-CER,CHIP;3.3nF,10%,50V,X7R,1608 1 S.A 4 C1108 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1115 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1126 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM,			l			
4 R1118 2007-000067 R-CHIP;15Kohm,1%,1/10W,TP,1608 1 S.A 4 R1114 2007-000086 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1121 2007-00036 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1637_OP 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1112 2007-000402 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 R1112 2007-000402 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 C1112 2203-000405 C-CER,CHIP;018nF,5%,50V,C0G,1608 1 S.A 4 C1134 2203-000715 C-CER,CHIP;018nF,5%,50V,X7R,1608 1 S.A 4 C1108 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5,9MM, 1 S.A 4 C1115 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5,9MM, 1 S.A 4 C1141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5,9MM, 1 S.A 4 C141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5,9MM,<			l			
4 R1114 2007-00086 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1121 2007-00086 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1637_OP 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1638_OP 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1112 2007-000402 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 C1112 2203-000405 C-CER,CHIP;0.18nF,5%,50V,C0G,1608 1 S.A 4 C1134 2203-000715 C-CER,CHIP;3.3nF,10%,50V,X7R,1608 1 S.A 4 C1108 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1115 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2046 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2099 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,T			l		1	
4 R1121 2007-000086 R-CHIP;5.6Kohm,5%,1/10W,TP,1608 1 S.A 4 R1637_OP 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1638_OP 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1112 2007-000402 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 C1112 2203-000405 C-CER,CHIP;0.18nF,5%,50V,C0G,1608 1 S.A 4 C1104 2203-000715 C-CER,CHIP;3.3nF,10%,50V,X7R,1608 1 S.A 4 C1108 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1115 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1414 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2046 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2099 2409-001051 C-ORGANIC;82UF,20		R1114	2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608	1	S.A
4 R1637_OP 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1638_OP 2007-000312 R-CHIP;10ohm,5%,1/4W,TP,3216 1 S.A 4 R1112 2007-000402 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 C1112 2203-000405 C-CER,CHIP;0.18nF,5%,50V,C0G,1608 1 S.A 4 C1134 2203-000715 C-CER,CHIP;3.3nF,10%,50V,X7R,1608 1 S.A 4 C1108 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1126 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2046 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2099 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 R1350 2007-000119 R-CHIP;5			2007-000086	R-CHIP;5.6Kohm,5%,1/10W,TP,1608		S.A
4 R1112 2007-000402 R-CHIP;150ohm,5%,1/10W,TP,1608 1 S.A 4 C1112 2203-000405 C-CER,CHIP;0.18nF,5%,50V,C0G,1608 1 S.A 4 C1134 2203-000715 C-CER,CHIP;3.3nF,10%,50V,X7R,1608 1 S.A 4 C1108 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1115 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1126 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2046 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2099 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2099 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 R1350 2007-000119 R-CHIP;560ohm,5%,1/10W,TP,1608 1 S.A 4 R131 2007-001135 R	4	_	l	R-CHIP;10ohm,5%,1/4W,TP,3216		
4 C1112 2203-000405 C-CER,CHIP;0.18nF,5%,50V,C0G,1608 1 S.A 4 C1134 2203-000715 C-CER,CHIP;3.3nF,10%,50V,X7R,1608 1 S.A 4 C1108 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1115 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1126 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2046 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2099 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 R1350 2007-000119 R-CHIP;660ohm,5%,1/10W,TP,1608 1 S.A 4 R1131 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A 4 R1132 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 <td< td=""><td>1</td><td>_</td><td>l</td><td></td><td></td><td></td></td<>	1	_	l			
4 C1134 2203-000715 C-CER,CHIP;3.3nF,10%,50V,X7R,1608 1 S.A 4 C1108 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1115 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1126 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2046 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2099 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 R1350 2007-000119 R-CHIP;660ohm,5%,1/10W,TP,1608 1 S.A 4 R1131 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A 4 R1132 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A			l			
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4 C1115 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1126 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C1141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2046 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2099 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 R1350 2007-000119 R-CHIP;560ohm,5%,1/10W,TP,1608 1 S.A 4 R1131 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A 4 R1132 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A			l		1 1	
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4 C1141 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2046 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2099 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 R1350 2007-000119 R-CHIP;660ohm,5%,1/10W,TP,1608 1 S.A 4 R1131 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A 4 R1132 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A			l			
4 C2046 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 C2099 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 R1350 2007-000119 R-CHIP;660ohm,5%,1/10W,TP,1608 1 S.A 4 R1131 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A 4 R1132 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A			l			
4 C2099 2409-001051 C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, 1 S.A 4 R1350 2007-000119 R-CHIP;560ohm,5%,1/10W,TP,1608 1 S.A 4 R1131 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A 4 R1132 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A	1		l			
4 R1350 2007-000119 R-CHIP;560ohm,5%,1/10W,TP,1608 1 S.A 4 R1131 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A 4 R1132 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A 4 R132 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A	1		l			
4 R1131 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A 4 R1132 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A			l			
4 R1132 2007-001135 R-CHIP;68ohm,5%,1/4W,TP,3216 1 S.A			l			
			l		1	
		D1436	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
4	T0077	BN41-00813B	PCB MAIN;IDTV BORDEAUX PLUS, JASMINE, TU	1	S.N.A
4	JA1406 OP	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1 1	S.N.A S.A
3	T0603	BN63-03197A	SHIELD-PCB MAIN;TULIP PAL,SPTE,T0.5	1 1	S.N.A
3	M0131	BN63-03548A	GASKET;BORDEAUX PLUS,Conductive Fabric,5	1 1	S.N.A
3	CCMM1	BN73-00151A	SILICON/RUBBER;GP1500 380MIL,20X20X9.5T	1	S.N.A
0.1		BN91-01330A	ASSY SHIELD-STD:LE23R86BDX/*	1	S.N.A
2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A
2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A
2	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A
2	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	6	S.N.A
2	M0081	6003-001439	SCREW-TAPTITE;BH,+,-,S,M4,L8,ZPC(WHT),SW	1	S.N.A
2	M2893	BH39-00362B	LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm	1	S.A
2	M2893	BN39-00603K	LEAD CONNECTOR;LE32R73BDX,UL1007#26,14P,	1	S.A
2	M2893	BN39-00802A	LEAD CONNECTOR;LE32R86BDX,UL1007#26,UL/C	1	S.A
2	T0764	BN44-00158A	SMPS-LCDTV;MK23P,DYREL,AC/DC,120W,AC100	1	S.A
2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A
2	M0115	BN61-02965A	BRACKET-STAND LINK;32 BORDEAUX PLUS,SECC	1	S.N.A
2	M04.40	BN61-03025B	HOLDER-SIDE AV;23,26R81,EO,ABS+PMMA,HB,-	1	S.N.A
2	M0146	BN61-03060A	BRACKET-PANEL SIDE;BORDEAUX PLUS 23,SECC	2	S.N.A
2 2	M0107	BN63-03039A	SHIELD-COVER;MURANO40,PCM,T0.5,IDTV	1 1	S.N.A
	M2893	BN39-00615F	LEAD CONNECTOR; Bordeaux23,1617#22/1015#1	1 '	S.A
2	M2893	BN39-00876A	LEAD CONNECTOR;LE32R86BDX,UL1571#30,30P,	1 1	S.A
2 3	M0412	BN96-05137A AA63-01438A	ASSY BRACKET P-PCB;23,BORDEAUX PLUS,SECC	1 1	S.N.A
3	M0131 M0107	BN61-03037A	GASKET;Bordeaux,Conductive Fabric,7mm,8m BRACKET-PCB;23 BORDEAUX PLUS,SECC,T1.0	1 1	S.N.A S.N.A
3	M0107 M0131	BN63-02791A	GASKET;LNS4096D,Conductive Fabric,8mm,10	1 1	S.N.A S.N.A
3	M0131	BN63-00170A	GASKET;GH17LS,CONDUCTIVE FAB,5MM,10MM,16	1 1	S.N.A S.N.A
	WOTOT	DN05-00170A	OAGRET, GTTT EG, GOTO DOG TIVE TAD, JUNIUM, TOWNING, TO	'	0.IV.A
0.1	M0045	BN92-02141B	ASSY ACCESSORY;LE26R86BDX/XEC	1	S.N.A
2	M0045	BN96-04518C	ASSY ACCESSORY;LE26R86BDX/XEC	1	S.A
3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R	1	S.A
3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A
3	T0531	BN63-03221A	COVER-BOTTOM;23,26R81,HIPS,-,-,-,HB,-,BK	1	S.A
3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,SCREW	1	S.A
4	T0081 ACCESSORY	6002-001294 6902-000128	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A
4	T0074		BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A S.A
3	M0045	BN59-00611A BN96-04518S	REMOCON;JASMINE , LILY,TM87C,SAMSUNG 28p ASSY ACCESSORY;LE23R86BDX/XEC	1 1	S.A S.A
3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2		S.N.A
3	ACCESSORY		MANUAL FLYER-02;SAFETY GUIDE;All Model,S	1 1	S.N.A
3	ACCESSORY		MANUAL FLYER-02,REGISTRATION C;XEU,ENG,U	1	S.N.A
3	ACCESSORY	AA68-03575B	MANUAL FLYER-02, REGISTRATION C; XEG, GERMA	1	S.N.A
3	ACCESSORY	AA68-03575C	MANUAL FLYER-02, REGISTRATION C; XEF, FRENC	1	S.N.A
3	ACCESSORY	AA68-03575D	MANUAL FLYER-03, REGISTRATION C; XEC, SPANI	1	S.N.A
3	ACCESSORY	AA68-03575E	MANUAL FLYER-04, REGISTRATION C; XET, ITALY	1	S.N.A
3	ACCESSORY	AA68-03575F	MANUAL FLYER-02, REGISTRATION C; XEN, DUTCH	1	S.N.A
3	ACCESSORY	AA68-03575G	MANUAL FLYER-02,REGISTRATION C;XEP,PORTU	1	S.N.A
3	ACCESSORY	BN68-00514C	MANUAL FLYER-WARRANTY CARD,03;comm,Samsu	1	S.N.A
3	M0156	BN68-01169F	MANUAL USERS-01;COMM,SAMSUNG,E/F/G/D/I/S	1	S.N.A
0.1	M0003	BN92-02528A	ASSY BOX;23R82,EO	1	S.N.A
2	T0130	BN69-01829A	BOX-00,SET;23R82,7,CB,SY-05,A,YEL,A1,EUR	1.02	S.N.A
0.1	M0019	BN92-02374R	ASSY LABEL;LE23R87BDX/XEC	1	S.N.A
0.1	M0113	BN92-02398C	ASSY P/MATERIAL;23R82	1	S.N.A
2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.013	S.N.A
2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,	0.004	S.N.A
2	T0524	6902-000520	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.N.A
2	T0003	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	2.94	S.N.A
2	CCM1	BN63-03540A	COVER-SHEET;Tulip,PET,T0.06,W50mm,200M,3	0.7	S.N.A

11 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the TFT-LCD TV.

11-1 Disassembly

- \triangle Cautions : 1. Disconnect the monitor from the power source before disassembly.
 - 2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

Description Picture Description 1. Place monitor face down on cushioned table. Remove screws from the rear cover and remove screws from the stand.

Description Picture Description 2. Lift up the rear cover and remove the stand. 3. Remove Screws from the stand BRKT and lift up the stand BRKT.

Description **Picture Description** 4. Lift up the shield and disonnect cables from the boards. 5. Remove screws from the boards and remove screw from theside connector.

Description Picture Description 6. Remove screws and lift up the BRKT

11-2 Reassembly

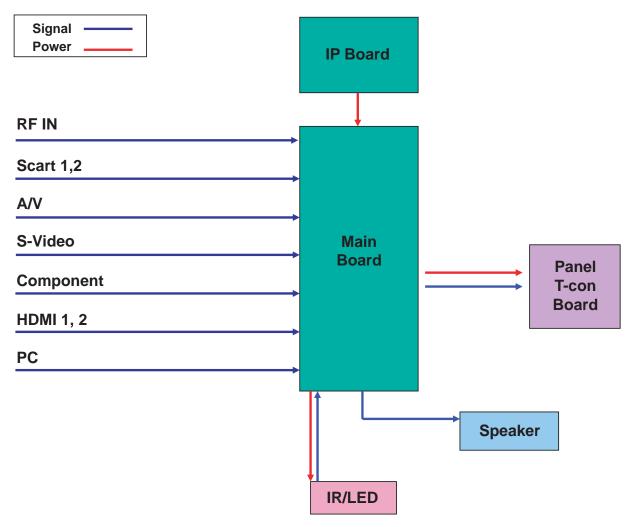
Reassembly procedures are in the reverse order of disassembly procedures.

11 Disassembly and Reassembly

Memo

13 Circuit Descriptions

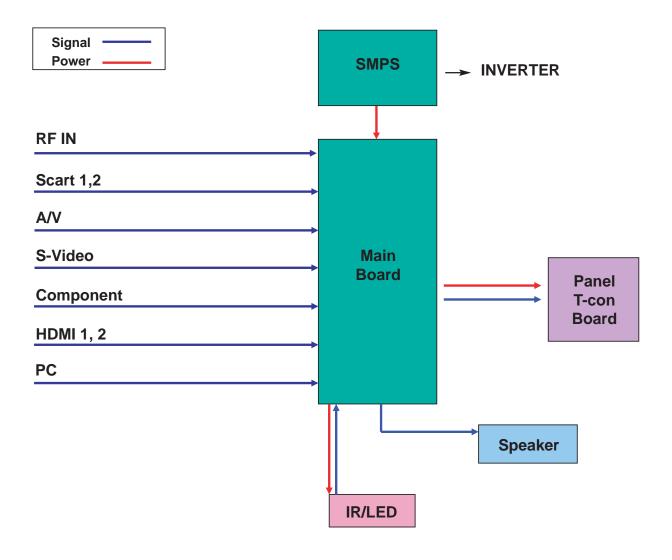
13-1 Block description



Bordeaux consists of three main blocks

Main board : Video signal processing
 IP board : Power supply & Inverter

3. T-con board: LCD Panel control



Bordeaux consists of three main blocks

Main board : Video signal processing
 SMPS : Power supply
 T-con board : LCD Panel control

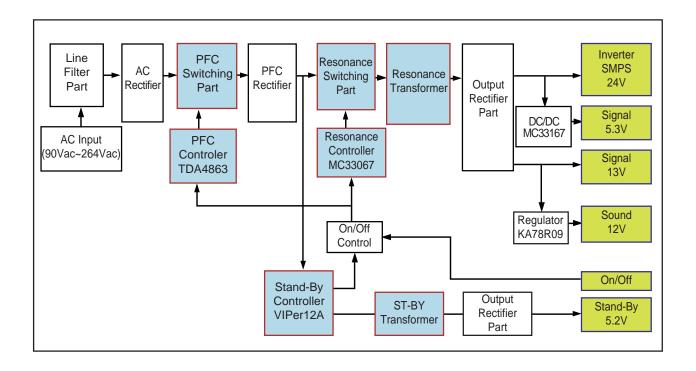
■ NORMAL SIGNAL Main/Logic Service Jack Hotel Server Head phone Display Panel 1366 x 768 (1024 x 768) → PDP Logic (LVDS) Inverter on/off PWM/Ana SP232ACN LVDS 12C AMP NTP3000 Micom M30840 FBE2 FLASH 8M 12C Europe Ready TV Block Diagram (SVP-UX68) 12S 12C BUS [DDR_MCLK0#, DDR_MCLK0] Max. 250Mhz Sub-Micom RAM 1MB 12C **DDR** 4M x 32 LVDS HDMI Sound 12S AUDIO 12C 12S ME/MC 3D Comb Multi Decoder De-interlacer Scaler LVDS Out WXGA Output DNIe (Demo) Caption/TTX2.5 Audio Processor SGTV5810 10bit process **SVP- UX68** (336-FPGA) VIDEO BA7657F HDMI S/W Sil9185CTU R,G,B,Hsync,Vsync SC1:CVBS,FB SC2:CVBS SC1:RGB CVBS Y,Pb,Pr SIF CVBS Y,C COMPONENT Input Jack 0 HDMI 1,2,3 DVI Audio LNA Tuner ANT **EXT 1/2** S-VIDEO MMS

VIDEO PC

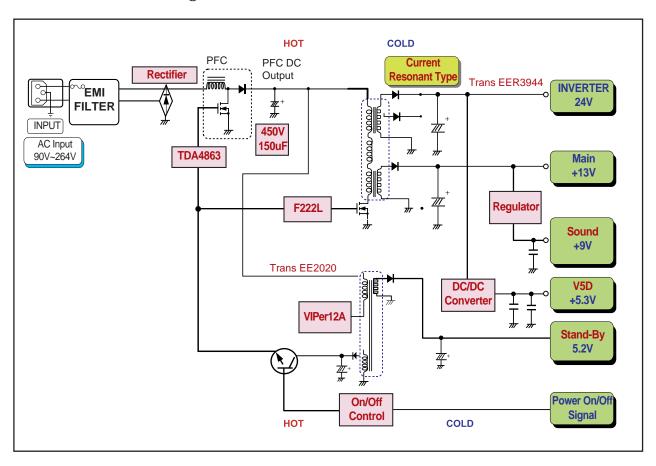
13-3

13-3 SMPS Board

13-3-1 23" Power Block

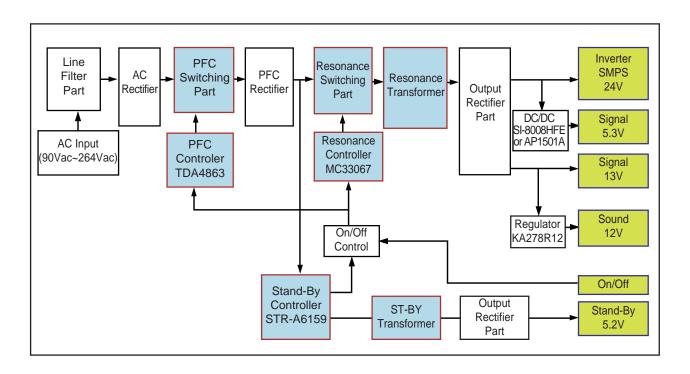


13-3-2 23" SMPS Diagram

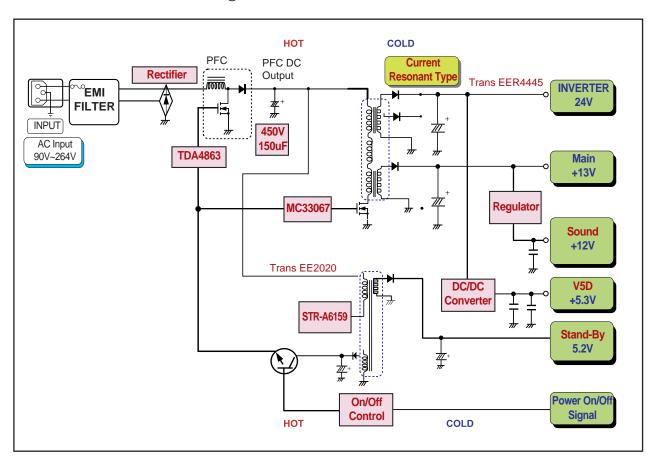


Output Name		Output Vol	tage	Out	Output Current		Load Characteristics	PCB Loc.	Usage	Remark
Name	Normal	Regulation(%)	Variable Range	Min	Typical	Peak				
24V	24.5V	±4	23.52V ~25.48V	0.1V	3.0V	4.0V	Pulsating	Main B'D	Drive	-
5.3V	5.3V	±5	5.13V ~5.67V	0.1V	3.0V	5.0V	Constant	Main B'D	Drive, Logic, Buffer, Image Digital	-
13V	12.7V	±7	11.9V ~13.7V	0.01V	0.3V	0.5V	Constant	Main B'D	Image Analog	-
Vamp	9.2V	±4	8.83V ~9.57V	0.01V	0.3V	1.1V	Constant	Main B'D	Sound	-
ST-BY	8.0V	±5	5.58V ~8.5V	0.1V	0.3V	0.6V	Constant	Main B'D	Stand-by	-

13-3-3 26", 32" Power Block

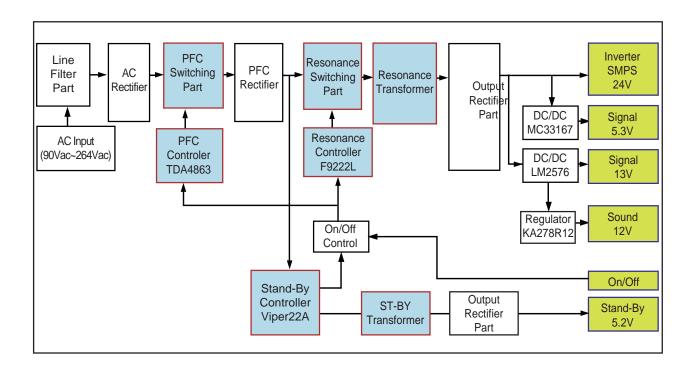


13-3-4 26", 32" SMPS Diagram

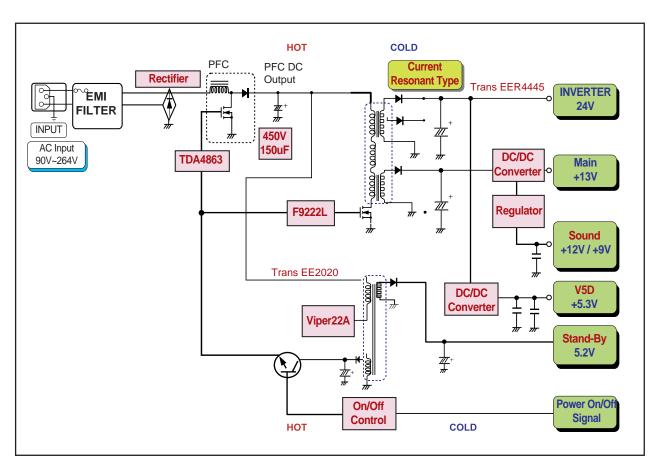


Output Name		Output Vol	tage	Out	put Cur	rent	Load Characteristics	PCB Loc.	Usage	Remark
Name	Normal	Regulation(%)	Variable Range	Min	Typical	Peak				
24V	24.5V	±4	23.52V ~25.48V	0.1V	3.0V	4.0V	Pulsating	Main B'D	Drive	-
5.3V	5.3V	±5	5.13V ~5.67V	0.1V	3.0V	5.0V	Constant	Main B'D	Drive, Logic, Buffer, Image Digital	-
13V	12.7V	±7	11.9V ~13.7V	0.01V	0.3V	0.5V	Constant	Main B'D	Image Analog	-
Vamp	9.2V	±4	8.83V ~9.57V	0.01V	0.3V	1.1V	Constant	Main B'D	Sound	-
ST-BY	8.0V	±5	5.58V ~8.5V	0.1V	0.3V	0.6V	Constant	Main B'D	Stand-by	-

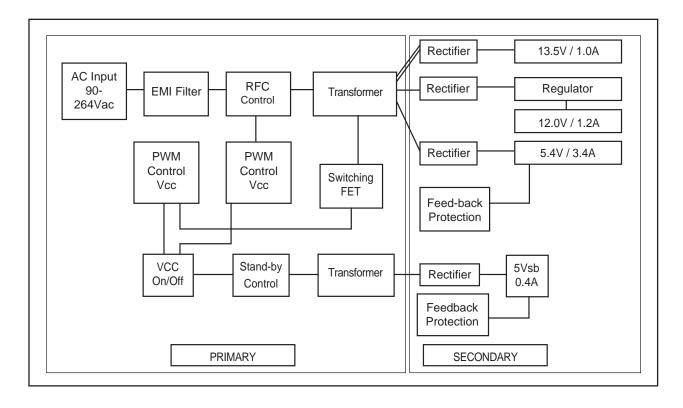
13-3-5 37" Power Block



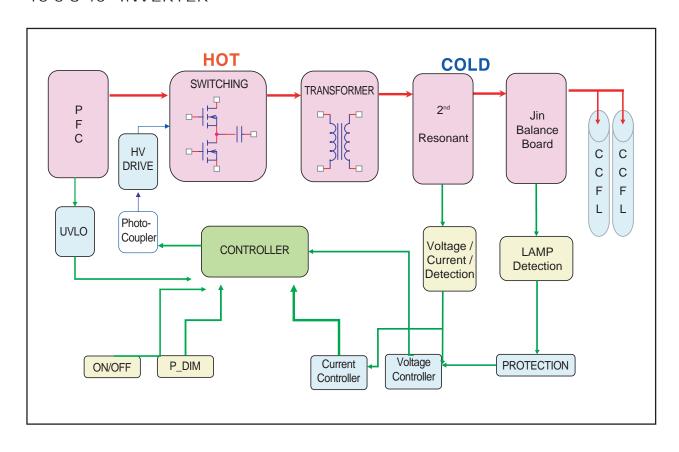
13-3-6 37" SMPS Diagram



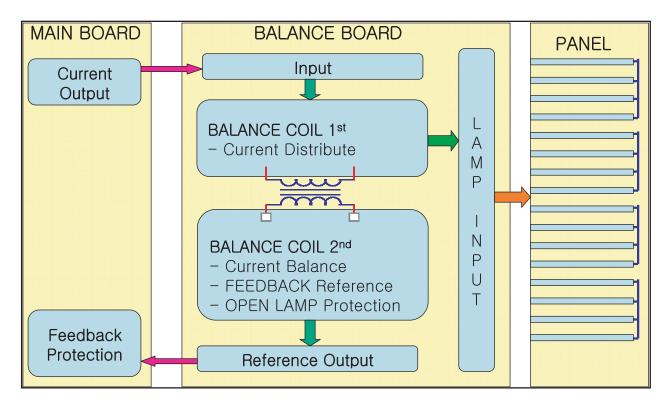
13-3-7 40" SMPS



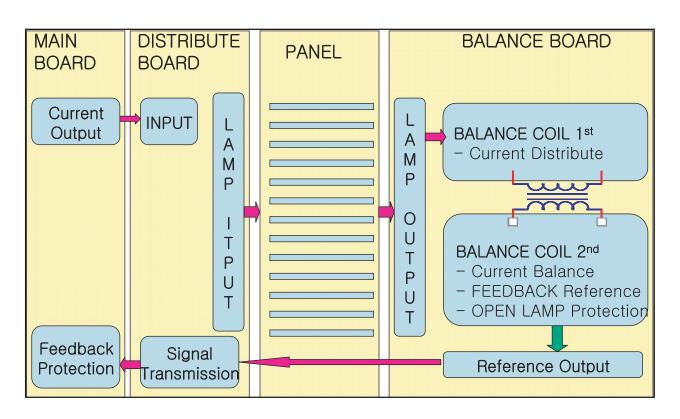
13-3-8 40" INVERTER



13-3-9 HOT Balance Block Diagram

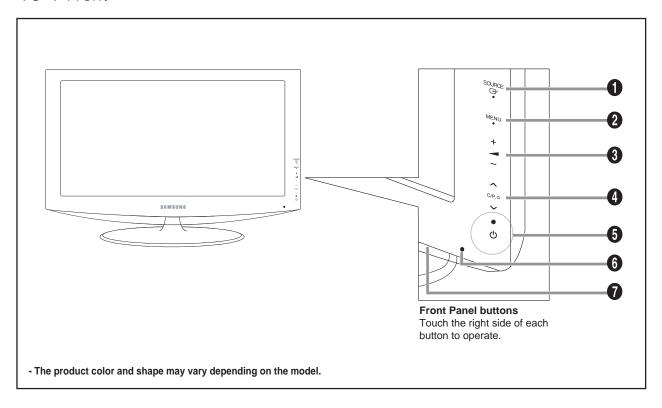


13-3-10 COLD Balance Block Diagram



10 Operating Instructions and Installation

10-1 Front



1. SOURCE 🚭

Toggles between all the available input sources (TV, Ext.1, Ext.2, AV, S-Video, Component, PC, HDMI1, HDMI2, DTV). In the on-screen menu, use this button as you use the **ENTER/OK** button on the remote control. (LE23R86BD/LE26R86BD)

Toggles between all the available input sources (TV, Ext.1, Ext.2, AV, S-Video, Component, PC, HDMI1, HDMI2, HDMI3, DTV). In the on-screen menu, use this button as you use the **ENTER/OK** button on the remote control.

(LE32R86BD/LE37R86BD/LE40R86BD)

Toggles between all the available input sources (TV, Ext.1, Ext.2, AV, S-Video, Component, PC, HDMI1, HDMI2, HDMI3). In the on-screen menu, use this button as you use the **ENTER/OK** button on the remote control.

(LE32R81BX/LE37R81BX/LE40R81BX)

2. MENU

Press to see an on-screen menu of your TV's features. In case of DTV mode, the DTV menu appears.

3. + _ _ _

Press to decrease or increase the volume.

In the on-screen menu, use the + ▶ − buttons as you use the ◀ and ▶ buttons on the remote control.

4. < C/P.(b >

Press to change channels.

In the on-screen menu, use the < **C/P.** ७ > buttons as you use the ▼ and ▲ buttons on the remote control. (Without the Remote Control, you can turn on the TV by using the Channel buttons.)

5. ((Power)

Press to turn the TV on and off.

Power Indicator

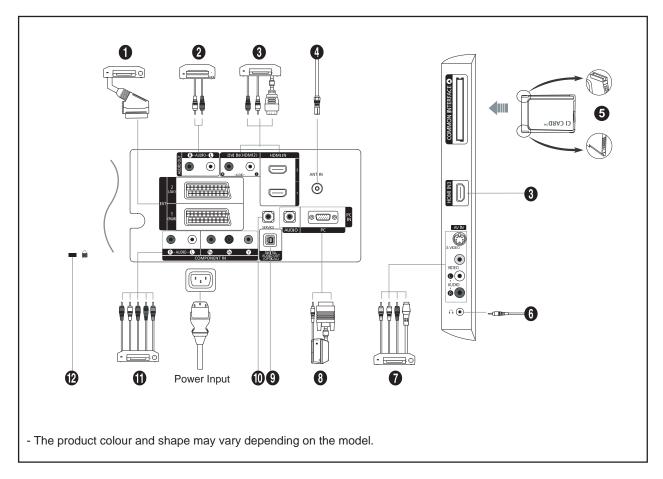
Blinks and turns off when the power is on and lights up in stand-by mode.

6. Remote Control Sensor

Aim the remote control towards this spot on the TV.

7. Speakers

10-2 LE23R86BD/LE26R86BD/LE32R86BD/LE37R86BD/LE40R86BD Viewing the Connection Panel



- Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
- When connecting an external device, match the colour of the connection terminal to the cable.

1. Connecting Set-Top Box, VCR or DVD

Connector		Input	Output	
	Video	Audio (L/R)	RGB	Video + Audio (L/R)
EXT 1	~	~	✓	Only TV or DTV output is available.
EXT 2	✓	✓		Output you can choose.

⁻ Inputs or outputs for external devices, such as VCR, DVD, video game device or video disc players.

2. Connecting AUDIO

- Connect RCA audio cables to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio in connectors on the Amplifier or DVD Home Theater.

3. HDMI IN 1,HDMI IN 2, HDMI IN 3(Only LE32R86BD/LE37R86BD/LE40R86BD)

- Supports connections between HDMI-connection-enabled AV devices (Set-Top Boxes, DVD players, AV receivers and digital TVs).
- No additional Audio connection is needed for an HDMI to HDMI connection.
- ▶ What is HDMI?
- "High Definition Multimedia interface" allows the transmission of high definition digital video data and multiple channels of digital audio (5.1 channels).
- The HDMI/DVI terminal supports DVI connection to an extended device with the appropriate cable (not supplied). The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection) coding feature installed, and supports multi channel digital audio.

DVI IN (HDMI 2) (AUDIO R/L)

- When connecting this product via HDMI or DVI to a Set Top Box, DVD Player or Games Console etc, make sure that it has been set to a compatible video output mode as shown in the table below. Failure to observe this may result in picture distortion, image breakup or no picture.
- When using an HDMI/DVI cable connection, it is only possible from the HDMI 2 terminal.
- ► You should use the DVI-to-HDMI cable or DVI-HDMI Adapter for the connection, and the "R AUDIO L" terminal on DVI for sound output.
- ▶ Supported modes for HDMI/DVI and Component

	480i	480p	576i	576p	720p	1080i
HDMI/DVI 50Hz	X	X	Х	0	0	0
HDMI/DVI 60Hz	X	0	Х	X	0	0
Component	0	0	0	0	0	0

4. Connecting an Aerial or Cable Television Network

To view television channels correctly, a signal must be received by the set from one of the following sources:

- An outdoor aerial / A cable television network / A satellite network

5. Connecting CI (Common Interface) CARD

- When not inserting "CI CARD" in some channels, "Scrambled Signal" is displayed on the screen.
- The pairing information containing a telephone number, CI CARD ID, Host ID and other information will be displayed in about 2~3 minutes. If an error message is displayed, please contact your service provider.
- When the channel information configuration has finished, the message "Updating Completed" is displayed, indicating that the channel list is now updated.
- . You must obtain a CI CARD from a local cable service provider.
 - Remove the CI CARD by carefully pulling it out with your hands since dropping the CI CARD may cause damage to it.
- . Insert the CI-Card in the direction marked on it.

7. Connecting External A/V Devices

- Connect RCA or S-VIDEO cable to an appropriate external A/V device such as VCR, DVD or Camcorder.
- Connect RCA audio cables to "R AUDIO L" on the rear of your set and the other ends to corresponding audio
 out connectors on the A/V device.
- Headphone may be connected to the headphone output (6) on the rear of your set. While the headphone is connected, the sound from the built-in speakers will be disabled.

8. Connecting Computer

- Connect the D- Sub cable (optional) to "PC (PC IN)" on the rear of your set and the other end to the Video Card of your computer.
- Connect the stereo audio cable (optional) to "AUDIO (PC IN)" on the rear of your set and the other end to "Audio Out" of the sound card on your computer.

9. DIGITAL AUDIO OUT (OPTICAL)

- Connect to a Digital Audio Component.

10. SERVICE

- Service connection for qualified service engineer.

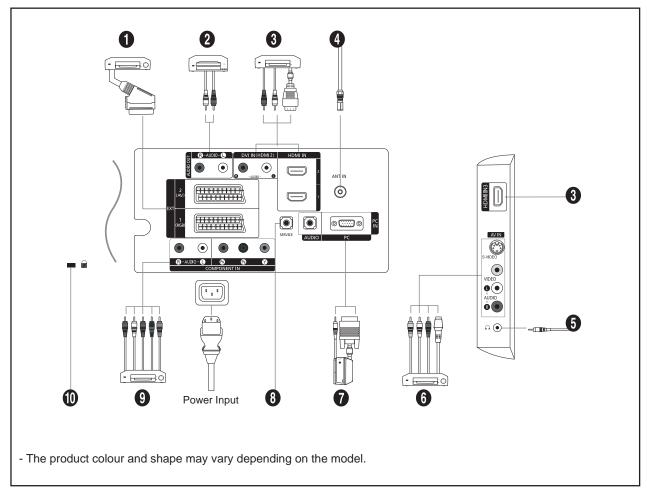
11. Connecting Component Devices (DTV/DVD)

- Connect component video cables (optional) to component connector ("PR", "PB", "Y") on the rear of your set and the other ends to corresponding component video out connectors on the DTV or DVD.
- If you wish to connect both the Set-Top Box and DTV (or DVD), you should connect the Set-Top Box to the DTV (or DVD) and connect the DTV (or DVD) to component connector ("PR", "PB", "Y") on your set.
- The PR, PB and Y connectors on your component devices (DTV or DVD) are sometimes labeled Y, B-Y and R-Y or Y, Cb and Cr.
- Connect RCA audio cables (optional) to "R AUDIO L" on the rear of your set and the other ends to corresponding audio out connectors on the DTV or DVD.
- This LCD TV displays its optimum picture resolution in 720p mode.
- This LCD TV displays its maximum picture resolution in 1 080i mode.

12. Kensington Lock

- The Kensington lock (optional) is a device used to physically fix the system when used in a public place.
- If you want to use a locking device, contact the dealer where you purchased the TV.
- The place of the Kensington Lock may be different depending on its model.

10-3 LE32R81BX/LE37R81BX/LE40R81BX Viewing the Connection Panel



- Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
- When connecting an external device, match the colour of the connection terminal to the cable.

1. Connecting Set-Top Box, VCR or DVD

Connector		Input	Output	
	Video	Audio (L/R)	RGB	Video + Audio (L/R)
EXT 1	0	0	0	Only TV output is available.
EXT 2	0	0		Output you can choose.

⁻ Inputs or outputs for external devices, such as VCR, DVD, video game device or video disc players.

2. Connecting AUDIO

- Connect RCA audio cables to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio in connectors on the Amplifier or DVD Home Theater.

3. HDMI IN 1,HDMI IN 2, HDMI IN 3

- Supports connections between HDMI-connection-enabled AV devices (Set-Top Boxes, DVD players, AV receivers and digital TVs).
- No additional Audio connection is needed for an HDMI to HDMI connection.
- ▶ What is HDMI?
 - "High Definition Multimedia interface" allows the transmission of high definition digital video data and multiple channels of digital audio (5.1 channels).
- The HDMI/DVI terminal supports DVI connection to an extended device with the appropriate cable (not supplied). The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection) coding feature installed, and supports multi channel digital audio.

DVI IN (HDMI 2) (AUDIO R/L)

- When connecting this product via HDMI or DVI to a Set Top Box, DVD Player or Games Console etc, make sure
 that it has been set to a compatible video output mode as shown in the table below. Failure to observe this may
 result in picture distortion, image breakup or no picture.
- When using an HDMI/DVI cable connection, it is only possible from the HDMI 2 terminal.
- You should use the DVI-to-HDMI cable or DVI-HDMI Adapter for the connection, and the "R AUDIO L" terminal on DVI for sound output.
- Supported modes for HDMI/DVI and Component

	480i	480p	576i	576p	720p	1080i
HDMI/DVI 50Hz	X	Χ	Х	0	0	0
HDMI/DVI 60Hz	X	0	Х	Х	0	0
Component	0	0	0	0	0	0

4. Connecting an Aerial or Cable Television Network

To view television channels correctly, a signal must be received by the set from one of the following sources:

- An outdoor aerial / A cable television network / A satellite network

6. Connecting External A/V Devices

- Connect RCA or S-VIDEO cable to an appropriate external A/V device such as VCR, DVD or Camcorder.
- Connect RCA audio cables to "R AUDIO L" on the rear of your set and the other ends to corresponding audio out connectors on the A/V device.
- Headphone may be connected to the headphone output (5) on the rear of your set. While the headphone is connected, the sound from the built-in speakers will be disabled.

7. Connecting Computer

- Connect the D- Sub cable (optional) to "PC (PC IN)" on the rear of your set and the other end to the Video Card of your computer.
- Connect the stereo audio cable (optional) to "AUDIO (PC IN)" on the rear of your set and the other end to "Audio Out" of the sound card on your computer.

8. SERVICE

- Service connection for qualified service engineer.

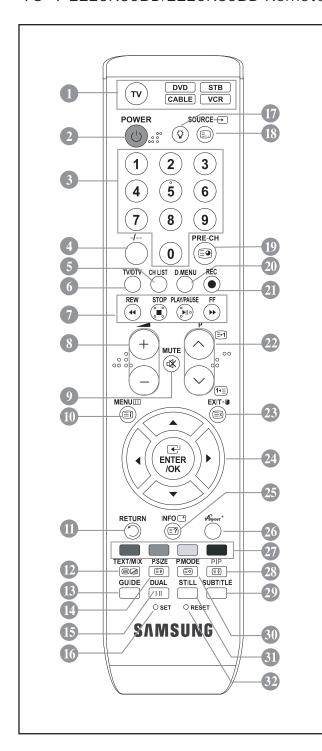
9. Connecting Component Devices (DTV/DVD)

- Connect component video cables (optional) to component connector ("PR", "PB", "Y") on the rear of your set and the other ends to corresponding component video out connectors on the DTV or DVD.
- If you wish to connect both the Set-Top Box and DTV (or DVD), you should connect the Set-Top Box to the DTV (or DVD) and connect the DTV (or DVD) to component connector ("PR", "PB", "Y") on your set.
 - The PR, PB and Y connectors on your component devices (DTV or DVD) are sometimes labeled Y, B-Y and R-Y or Y, Cb and Cr.
 - Connect RCA audio cables (optional) to "R AUDIO L" on the rear of your set and the other ends to corresponding audio out connectors on the DTV or DVD.
 - This LCD TV displays its optimum picture resolution in 720p mode.
 - This LCD TV displays its maximum picture resolution in 1080i mode.

10. Kensington Lock

- The Kensington lock (optional) is a device used to physically fix the system when used in a public place.
- If you want to use a locking device, contact the dealer where you purchased the TV.
- The place of the Kensington Lock may be different depending on its model.

10-4 LE23R86BD/LE26R86BD Remote Control



- Selects a target device to be controlled by the Samsung remote control (TV, DVD, STB, CABLE, VCR)
- 2. Television Standby button
- 3. Number buttons for direct channel access
- 4. One/Two-digit channel selection
- 5. It display "Channel List" on the screen.
- 6. Selects the TV mode directly
- 7. VCR/DVD Functions Rewind, Stop, Play/Pause, Fast/Forward
 - Volume increase
 - Volume decrease
- 9. Temporary sound switch-off
- 10. Menu display and change confirmation
- 11. Returns to the previous menu
- 12. SRS TS XT selection
- 13. Electronic Program Guide (EPG) display
- 14. Picture size selection
- 15. Sound effect selection
- Adjusts 5 separate devices TV, DVD, STB, CABLE, or VCR.
- 17. When pressing this button, a number of buttons on the remote control (e.g. Selects a target device, volume, channel and MUTE buttons) light up for a few seconds and then turn off to save power. This function is to conveniently use the remote control at night or when dark.
- 18. Available source selection
- 19. Previous channel
- 20. DTV menu display
- 21. Records for Live Broadcasting
- 22. P 🛆 : Next channel
 - $\mathsf{P} \ \underline{\odot} \ : \mathsf{Previous} \ \mathsf{channel}$
- 23. Exit the OSD
- 24. Control the cursor in the menu
- 25. Use to see information on the current broadcast
- 27. Colour buttons:

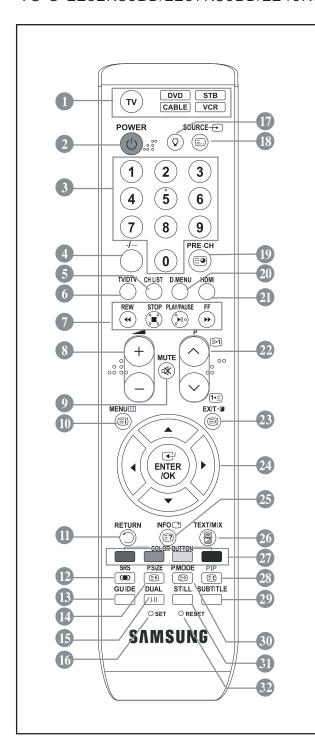
Press to add or delete channels and to store channels to the favorite channel list in the "Channel List" menu.

- 28. Picture-In-Picture On / Off
- 29. Digital subtitle display
- 30. Picture effect selection
- 31. Picture freeze
- 32. When your remote does not work, change the batteries and press the "RESET" button for 2-3 seconds before use.

Teletext Functions

- 6. Exit from the teletext display
- 10. Teletext index
- 14. Teletext size selection
- 18. Teletext mode selection (LIST/FLOF)
- 19. Teletext sub page
- 22. P 🛆 : Teletext next page
 - P ⊗: Teletext previous page
- 23. Teletext cancel
- 25. Teletext reveal
- 26. Alternately select Teletext, Double, or Mix.
- 27. Fastext topic selection
- 28. Teletext hold
- 30. Teletext store
- ▶ The performance of the remote control may be affected by bright light.
- ► This is a special remote control for the visually impaired, and has Braille points on the Power, Channel, STOP, PLAY/PAUSE and Volume buttons.

10-5 LE32R86BD/LE37R86BD/LE40R86BD Remote Control



- Selects a target device to be controlled by the Samsung remote control (TV, DVD, STB, CABLE, VCR)
- 2. Television Standby button
- 3. Number buttons for direct channel access
- 4. One/Two-digit channel selection
- 5. It display "Channel List" on the screen.
- 6. Selects the TV mode directly
- 7. VCR/DVD Functions Rewind, Stop, Play/Pause, Fast/Forward
- 3.

 Volume increase
 - Volume decrease
- 9. Temporary sound switch-off
- 10. Menu display and change confirmation
- 11. Returns to the previous menu
- 12. SRS TS XT selection
- 13. Electronic Program Guide (EPG) display
- 14. Picture size selection
- 15. Sound effect selection
- Adjusts 5 separate devices TV, DVD, STB, CABLE, or VCR.
- 17. When pressing this button, a number of buttons on the remote control (e.g. Selects a target device, volume, channel and MUTE buttons) light up for a few seconds and then turn off to save power. This function is to conveniently use the remote control at night or when dark.
- 18. Available source selection
- 19. Previous channel
- 20. DTV menu display
- 21. Selects the HDMI mode directly.
- 22. P ⊗: Next channel
 - P 😔 : Previous channel
- 23. Exit the OSD
- 24. Control the cursor in the menu
- 25. Use to see information on the current broadcast
- 27. Colour buttons:

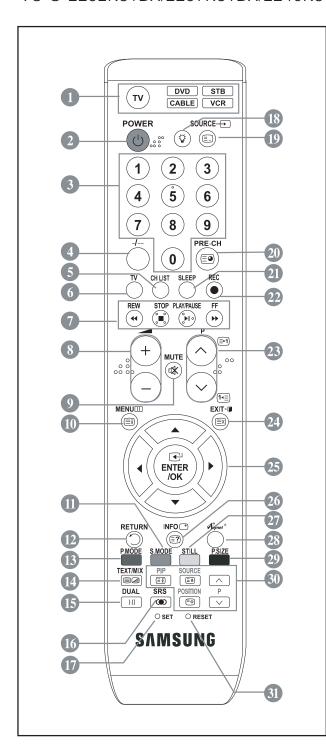
Press to add or delete channels and to store channels to the favorite channel list in the "Channel List" menu.

- 28. Picture-In-Picture On / Off
- 29. Digital subtitle display
- 30. Picture effect selection
- 31. Picture freeze
- 32. When your remote does not work, change the batteries and press the "RESET" button for 2-3 seconds before use.

Teletext Functions

- 6. Exit from the teletext display
- 10. Teletext index
- 14. Teletext size selection
- 18. Teletext mode selection (LIST/FLOF)
- 19. Teletext sub page
- 22. P 🛆 : Teletext next page
 - P ⊗: Teletext previous page
- 23. Teletext cancel
- 25. Teletext reveal
- 26. Alternately select Teletext, Double, or Mix.
- 27. Fastext topic selection
- 28. Teletext hold
- 30. Teletext store
- ▶ The performance of the remote control may be affected by bright light.
- ► This is a special remote control for the visually impaired, and has Braille points on the Power, Channel, STOP, PLAY/PAUSE and Volume buttons.

10-6 LE32R81BX/LE37R81BX/LE40R81BX Remote Control

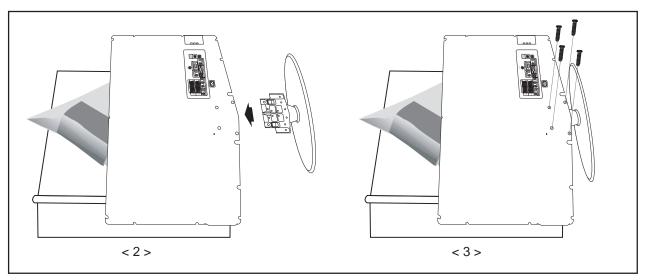


- Selects a target device to be controlled by the Samsung remote control (TV, DVD, STB, CABLE, VCR)
- 2. Television Standby button
- 3. Number buttons for direct channel access
- 4. One/Two-digit channel selection
- 5. It display "Channel List" on the screen.
- 6. Selects the TV mode directly
 - VCR/DVD Functions Rewind, Stop, Play/Pause, Fast/Forward
- 3. Volume increase
 - O Volume decrease
- 9. Temporary sound switch-off
- 10. Menu display and change confirmation
- 11. Returns to the previous menu
- 12. Returns to the previous menu
- 13. Picture effect selection
- 15. Sound effect selection
- 16. SRS TS XT selection
- 17. Adjusts 5 separate devices -TV, DVD, STB, CABLE, or VCP
- 18. When pressing this button, a number of buttons on the remote control (e.g. Selects a target device, volume, channel and MUTE buttons) light up for a few seconds and then turn off to save power. This function is to conveniently use the remote control at night or when dark.
- 19. Available source selection
- 20. Previous channel
- 20. DTV menu display
- 21. Automatic Power-off
- 22. Records for Live (Anynet+ function only)
- 23. P 🖎: Next channel
 - P 😔 : Previous channel
- 24. Exit the OSD
- 25. Control the cursor in the menu
- 26. Use to see information on the current broadcast
- 27. Picture size selection
- 28. Runs the Anynet view functions and sets up Anynet devices. Please refer to the Anynet Owner's Instruction.
- 29. Picture size selection
- PIP:Picture-In-Picture On/Off SOURCE: Input source selection POSITION: PIP position selection
- 31. When your remote does not work, change the batteries and press the "RESET" button for 2-3 seconds before use.

Teletext Functions

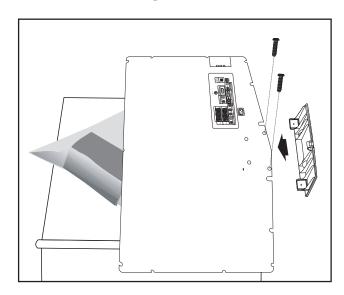
- 6. Exit from the teletext display
- 10. Teletext index
- 14. Alternately select Teletext, Double, or Mix.
- 19. Teletext mode selection (LIST/FLOF)
- 20. Teletext sub page
- 23. P 🛆 : Teletext next page
 - P ⊚: Teletext previous page
- 24. Teletext cancel
- 26. Teletext reveal
- 11, 13, 27,29 Fastext topic selection
- 30. PIP:Teletext Hold
- 30. SOURCE: Teletext Store
- 30. POSITION: Teletext size selection
- ▶ The performance of the remote control may be affected by bright light.
- ► This is a special remote control for the visually impaired, and has Braille points on the Power, Channel, STOP, PLAY/PAUSE and Volume buttons.

10-7 Installing the Stand



- 1. Place the TV faced down on a soft cloth or cushion on a table.
- 2. Put the stand into the hole at the bottom of the TV.
- 3. Insert screw into the hole indicated and tighten.
 - ▶ The stand is installed for models with the screen size of 37 inch and above.

10-8 Installing the Wall Mount Kit



Wall mount items (sold separately) allow you to mount the TV on the wall.

For detailed information on installing the wall mount, see the instructions provided with the Wall Mount items. Contact a technician for assistance when installing the wall mounted bracket.

Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the TV on your own.

▶ Remove the stand and cover the bottom hole with a cap and fasten with two screws.

3 Alignments and Adjustments

3-1 Service Instruction

- 1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync.
- 2. Use the specified test equipment or its equivalent.
- 3. Correct impedance matching is essential.
- 4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test result.
- 5. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
- 6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
- 7. To protect aganist shock hazard, use an isolation transform.

3-2 How to Access Service Mode

3-2-1 Entering Factory Mode

- 1. To enter "Service Mode" Press the remote -control keys in this sequence :
 - If you do not have Factory remote control

- If you have Factory remote - control

- The buttons are active in the service mode.
 - 1. Remote Control Key : Power, Arrow Up, Arrow Down, Arrow Left
 Arrow Right, Menu, Enter, Number Key(0~9)
 - 2. Function Control Key : Power, CH +, CH -, VOL +, VOL -, Menu, TV/VIDEO(Enter)

3-2-2 Panel Check

You have to check Panel Maker Because of different adjustments as follows. First of all, Check the label rating!

1) Label Rating File



- LCD PANEL MARK -

A:ACER(AUO) S:SEC C:CMO

- * If not printed you could consider S(sec) panel mark.
- 2) If Panel Mark is "A", Set the factory mode indicating as follows.
- * Option Byte
- 1. Inch Option 32"
- 2. Gamma 32"AUO
- 3. Panel Option AUO

Others are same shown below.

3-3 Factory Data

- 1. Calibration
- 2. Service
- 3. White Balance
- 4. SVP-UX
- 5. Option Block
- 6. SGTV5810/NTP3000
- 7. YC Delay
- 8. Option Table
- 9. I2C Check
- 10. W/B MOVIE
- 11. Checksum
- 12. Reset
- 13. Spread Spectrum
- T-BDPMPEUD-xxxx (Main Micom Ver)
- T-BDPMPEUS-xxxx

BORD2_CALLA_TR-xxxx (Sub Micom Ver)

Month / Day / Year / Hour / Min. / Sec.

- 1. Calibration
 - 1) AV Calibration
 - 2) COMP Calibration
 - 3) PC Calibration
 - 4) HDMI Calibration

2. Option Table XXXX XXXX

No	Item	Range	
1	Ready	ON/OFF	OFF
2	Inch Option	23"/ 26" / 32"	32"
3	Panel Vender	AUO/CMO	AMLCDINT
4	Gamma	ON/OFF	OFF
5	Panel Type	Normal1/Normal2	Normal1
6	Model Option	Calla/Lily/Bord Plus/Jasmine	Bord Plus
7	Tuner	SEMCO/ALPS	SEMCO
8	Tuner TOP	0~31	8
9	Auto Power	ON/OFF	ON
10	Nordic	ON/OFF	OFF
11	LNA Menu	ON/OFF	ON
12	TTX On/Off	ON/OFF	ON
13	TTX List	Flof/List	Flof
14	Carrier Mute	ON/OFF	OFF
15	High Deviation	ON/OFF	OFF
16	VOL.Curve	Small/Large	Small
17	HDMI Hotplug	1/0	1
18	HDMI Clock Ctrl	1/0	1
19	HDMI Hotplug Dly	3~50	9

3 Alignments and Adjustments

No	Item	Range	
20	Hotel Option		
	Hotel Mode	ON/OFF	OFF
	Power On Channel	1~99	1
	Power On Volume	1~100	10
	Max Volume	1~100	100
	Local Key Lock	ON/OFF	OFF
	Power On Source	RF/Ext.1	RF
21	Shop Mode	ON/OFF	OFF
22	Color Space	ON/OFF	ON
23	PC Ident	ON/OFF	OFF
24	Language	English/German	English
25	ANYNET+	ON/OFF	ON
26	Ch.Table	SUWON/SESK/SEH/TTSEC	SUWON
27	TTX Group	Auto/West Europe	Auto
28	iDTV_Cntry	UK/France	UK

3. White Balance

No	Item	Range	TV/AV/Scart	Comp/iDTV	PC	HDMI
1	Sub-Briteness	00H~FFH	128	128	128	128
2	R-offset	00H~FFH	128	128	128	128
3	G-offset	00H~FFH	128	128	128	128
4	B-offset	00H~FFH	128	128	128	128
5	Sub-Contrast	00H~FFH	128	128	128	128
6	R-Gain	00H~FFH	128	128	128	128
7	G-Gain	00H~FFH	128	128	128	128
8	B-Gain	00H~FFH	128	128	128	128

4. SVP-PX

1) ComB Filter

No	Item	Range
1	Y-Filter	00H~FFH

2) Sharpness

No	Item	Range	RF	AV	Comp480i	Comp480p	Comp720p	Comp1080i	HDMI	PC	iDTV
1	H2Gain	00 ~ 1FH	05H	05H	05H	05H	04H	04H	0AH	05H	05H
2	H4Gain	00 ~ 1FH	04H	0AH	05H	05H	02H	02H	0AH	05H	05H
3	V2Gain	00 ~ 1FH	0CH	0CH	0AH	0CH	0AH	0AH	10H	0AH	0AH
4	V4Gain	00 ~ 1FH	0CH	10H	0CH	0CH	0AH	0AH	10H	0AH	0AH
5	Sr2Gain	00 ~ 1FH	00H	00H	00H	00H	00H	00H	00H	00H	00H
6	Sr4Gain	00 ~ 1FH	00H	02H	00H	00H	02H	02H	04H	02H	02H
7	Sl2Gain	00 ~ 1FH	00H	00H	00H	00H	00H	00H	00H	00H	00H
8	SI4Gain	00 ~ 1FH	00H	02H	00H	00H	02H	02H	04H	02H	02H
9	Peakth1	00H~FFH	06H	02H	03H	03H	03H	03H	03H	08H	04H
10	Peakth2	00H~FFH	2FH	2FH	2FH	2FH	2FH	2FH	2FH	2FH	2FH
11	Peskth3	00H~FFH	3FH	3FH	3FH	3FH	3FH	3FH	3FH	3FH	3FH

3) NR

No	Item	Range	
1	Y_NR_OFF	00H~FFH(Y_NR_OFF)	00H
2	C_NR_OFF	00H~FFH(C_NR_OFF)	00H
3	Y_NR_ON	00H~FFH(Y_NR_ON)	00H
4	C_NR_ON	00H~FFH(C_NR_ON)	00H

4) RGB Calibration

No	Item	Range	TV/AV/S_Video	Component	PC	HDMI
1	R-Offset	00H~FFH	3AH	40H	32H	82H
2	G-Offset	00H~FFH	3AH	40H	32H	82H
3	B-Offset	00H~FFH	3AH	40H	32H	82H
4	R-Gain	00H~FFH	A6H	92H	А9Н	6CH
5	G-Gain	00H~FFH	A6H	92H	А9Н	6CH
6	B-Gan	00H~FFH	A6H	92H	А9Н	6CH

5) ADC Calibration

No	Item	Range	TV/AV/S_Video	Component	PC	HDMI
1	TCD3 Contrast	00H~FFH	79H	78H	78H	78H
2	TCD3 Brightness	00H~FFH	29H	20H	20H	20H
3	TCD3 CR	00H~FFH	80H	80H	80H	80H
4	TCD3 CB	00H~FFH	80H	80H	80H	80H
5	TCD3 Delay	00H~FFH	00H	00H	00H	00H
6	Analog Y Offset	00H~FFH	40H	3DH	44H	40H
7	Analog PB Offset	00H~FFH	80H	80H	44H	80H
8	Analog PR Offset	00H~FFH	80H	80H	44H	80H
9	Analog Y Gain	00H~FFH	D6H	ВЗН	A4H	80H
10	Analog PB Gain	00H~FFH	80H	ВЗН	ACH	80H
11	Analog PR Gain	00H~FFH	80H	ВЗН	A7H	80H
12	Black Level	00H~FFH	00H	00H	00H	00H
13	Svp Brightness	00H~FFH	00H	00H	00H	00H

6) Caliration Target

No	Item	Range	low	high	Delta
1	AV ADC	00H~FFH	10H	DCH	02H
2	COMP ADC	00H~FFH	10H	EBH	02H
3	PC ADC	00H~FFH	10H	DCH	04H
4	ALL RGB	00H~FFH	01H	EBH	0AH

3 Alignments and Adjustments

7) Color Management

No	Item	Range	
1	Skin Direction	Reddish/Yellowish	Reddish
2	Skin Enhance	00H~FFH	00H
3	Green Stretch	00H~FFH	00H
4	Blue Stretch	00H~FFH	00H

5. Option Block

1) FRC(Micronas)

2) FRC2X

No	Item	Range	
1	OUTCON	1~3	0
2	GAMMA	1~7	0
3	OCC_MODE	0/1	0
4	FALLBACK	0/1	0
5	DBG_MARK	0/1	0
6	SPR_CBR	0/1	0
7	BIT_EXPAND	0/1	0
8	INV_BIT_EXPAND	0/1	0
9	REPEAT_MODE	0/1	0
10	DEMO_ON_OFF	0/1	0
11	MMU_RD_START	00H~FFH	00H
12	ME_RD_START	00H~FFH	00H
13	MC_RD_START	00H~FFH	00H
14	CMZL(0x36E)	00H~0FH	0H
15	BLOL(0x2A7)	00H~0FH	0H
16	LOGO(0x2A7)	00H~0FH	0H

3) FBE2

				AV/	COMP	COMP	COMP			
No	Item	Range	RF	S-VIDEO			(720p/1080i/1080p)	HDMI	DTV	DTV
1	Pattern Select	0~20	0	0	0	0	0	0	0	0
2	BS-On	0/1	1	1	1	1	1	1	1	1
3	B-Slope Gain	0~255	34	44	44	64	64	64	64	64
4	B-Tilt Min	0~255	20	20	20	20	20	20	20	20
5	B-Tilt Max	0~255	120	120	120	120	120	120	120	120
6	B-Tilt Slope	0~255	128	128	128	128	128	128	128	128
7	LFunc-Basis	0~255	30	20	20	40	70	55	75	75
8	Hfunc-Basis	0~255	30	40	40	40	75	65	88	88
9	Mean-Offset1	0~255	20	100	100	75	75	75	75	75
10	Mean Offset2	0~255	120	200	200	155	225	225	225	225
11	Mean Slope	0~255	56	56	56	45	85	85	85	85
12	Input Offset	0~255	128	128	128	128	128	128	128	128
13	Input Gain	0~255	128	128	128	128	128	128	128	128
14	ACR Offset	0~128	15	15	15	15	15	15	15	15
15	ACR Th1	0~255	30	30	30	30	30	30	30	30
16	ARC Th2	0~255	130	130	130	130	130	130	130	130
17	Skin Enable	0/1	1	1	1	1	1	1	1	1
18	Skin Tu	0~255	165	165	165	150	165	165	128	128
19	Skin Tv	0~255	140	140	140	140	128	128	128	128
20	M Skin Tu	0~255	128	128	128	128	128	128	128	128
21	M Skin TV	0~255	128	128	128	128	128	128	128	128
22	Sub Color	0~255	115	128	128	135	140	150	143	143
23	M-Au-Sub Color	0~255	128	128	128	128	128	128	128	128
24	M-Wi-Sub Color	0~255	128	128	128	128	128	128	128	128
25	MW-Skin-Tu	0~255	128	128	128	128	128	128	128	128
26	MW-Skin-Tv	0~255	128	128	128	128	128	128	128	128

3 Alignments and Adjustments

4) Pdp Logic

No	Item	Range	
1	Pattern Srlect	0~63	0
2	Data updata	ON/OFF	OFF
3	Data Type	42"EU MRT/42"EU MESH/	42"EU MRT
4	CDC Sw	ON/OFF	OFF
5	CDC Strengh Th	0~31	0
6	BRE Sw	ON/OFF	OFF
7	FRC Repeat Mode	ON/OFF	OFF
8	FRC CBG Mark On	0~15	0
9	ERC Bypass	ON/OFF	OFF
10	Panel Type	-	0H
11	Panel Inch	-	SD
12	Panel Version	-	
13	Logic Sw Version	-	0H 0H 0H

6. SGTV5810/NTP3000

No	Item	Range	
1	ID Tone Shift	1H~FH	01H
2	ID Tone Thresh	00H~FFH	7FH
3	Demod Prescaler	00H~20H	13H
4	Master Volume	00H~30H	13H
5	PWM Modulation	80H~F2H	F1H
6	DRC Threshold	00H~7FH	06H
7	Speaker EQ	ON/OFF	OFF

7. YC Delay

No	Item	Range	
1	RF PAL-B/G	00H~FFH	AAH
2	RF PAL - D/K	00H~FFH	99H
3	RF PAL - I	00H~FFH	99H
4	RF SECAM - B/G	00H~FFH	88H
5	RF SECAM - D/K	00H~FFH	44H
6	RF SECAM -L/L'	00H~FFH	88H
7	RF NTSC 3.58	00H~FFH	44H
8	RF NTSC 4.43	00H~FFH	CCH
9	AV PAL	00H~FFH	AAH
10	AV SECAM	00H~FFH	88H
11	AV NTSC 3.58	00H~FFH	30H
12	AV NTSC 4.43	00H~FFH	AAH
13	AV PAL60	00H~FFH	77H

8. Adjust

No	Item	Range	
1	Video Mute Time	0~255	10
2	Dynamic Contrast	ON/OFF	OFF
3	Dynamic Dimming	ON/OFF	ON
4	Dynamic CE	ON/OFF	OFF
5	LNA PLUS		
	RFDB-1 Level	0~255	2
	RFDB-2 Level	0~255	5
	RFDB-3 Level	0~255	7
	RFDB-4 Level	0~255	24
6	Magazine LNA	ON/OFF	OFF
7	PixelShift Test	ON/OFF	OFF
8	Debug	ON/OFF	OFF
9	ACR	ON/OFF	OFF
10	D-Watchdog	ON/OFF	ON
11	UART Select	MAIN / IDTV / PDP Lvds ON / PDP Lvds OFF	OFF

9. I2C Check

10. W/B MOVIE

No	Item	Range	TV/AV/S_Video	Component	PC	HDMI	Scart1/2
1	WB Movie	ON/OFF	OFF	OFF	OFF	OFF	OFF
2	Color Mode	Movie	Movie	Dynamic	Dynamic	Dynamic	Dynamic
3	Color Tone		Cool1	Cool1	Cool1	Cool1	Cool1
4	Msub Brigh	0~255	128	128	128	128	128
5	Msub Contr	0~255	128	128	128	128	128
6	W1_RGAIN	0~255	157	161	144	161	157
7	W1_BGAIN	0~255	76	74	117	76	76
8	W1_R_OFFS	0~255	119	119	127	118	119
9	W1_B_OFFS	0~255	138	140	110	141	138
10	W2_RGAIN	0~255	142	143	149	142	142
8	W2_BGAIN	0~255	48	47	93	51	48
9	W2_R_OFFS	0~255	129	127	124	128	129
10	W2_B_OFFS	0~255	143	145	110	143	143
11	NO_RGAIN	0~255	141	139	137	141	141
12	NO_BGAIN	0~255	104	102	123	104	104
13	NO_R_OFFS	0~255	126	125	126	121	126
14	NO_B_OFFS	0~255	136	133	114	133	136
15	C2_RGAIN	0~255	124	122	123	125	124
16	C2_BGAIN	0~255	142	141	156	143	142
17	C2_R_OFFS	0~255	128	129	117	128	128
18	C2_B_OFFS	0~255	128	127	116	128	128
19	Movie Contr	0~100	100	100	100	100	100
20	Movie Brigh	0~100	45	45	45	45	45
21	Movie Color	0~100	55	55	55	55	55
22	Movie Sharp	0~100	75	75	75	75	75

3 Alignments and Adjustments

- 11. Checksum 7A72
- 12. Reset
- 13. Spread Spectrun

No	Item	Range	
1	Spectrum	ON/OFF	ON
2	Delta	-128 ~ +128	0
3	Positive	0~99	8
4	Negative	0~99	2
5	Speed	0~7	0
6	Time	0~7	4
7	FBE Spectrum	ON/OFF	OFF
8	FEE Delta	0~5	0

3-4 Service Adjustment

3-4-1 White Balance - Calibration

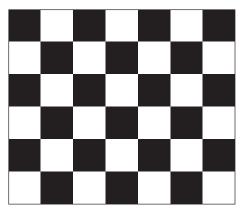
If picture color is wrong, do calibration first.

Equipment : CA210, Patten : chess pattern

Execute calibration in Factory Mode

Source AV: PAL composite, Component: 1280*720/60Hz

PC: 1024*768/60Hz



(chess patten)

3-4-2 White Balance - Adjustment

If picture color is wrong, check White Balance condition.

Equipment : CA210, Patten : Flat W/B Pattern

Adjust W/B in Factory Mode

Sub brightness and R/G/B Offset controls low light region Sub contrast and R/G/B Gain controls high light region

Source AV: PAL composite, Component: 1280*720/60Hz

HDMI[DVI]: 1280*720/60Hz



[Test Pattern : MIK K-7256 PAttern #92]

*Color temperature

1500K +/-500, -6 ~-20 MPCD

*Color coordinate

H/L: 267/263 +/- 2 35.0 Ft +/- 2.0Ft L/L: 270/260 +/- 3 1.5 Ft +/- 0.2Ft

Flat W/B Pattern

3-4-3 Conditions for Measurement

1. On the basis of toshiba ABL pattern: High Light level (57 IRE)

- INPUT SIGNAL GENERATOR: MSPG-925LTH

* Mode NO 2: 744X484@60 Hz NO 6:1280X720@60 Hz

NO 21:1024X768@60 Hz

* Pattern NO 36: 16 Color Pattern

NO 16: Toshiba ABL Pattern

2. Optical measuring device: CA210 (FL)

Please use the MSPG-925 LTH generator for model LE26M51B/LE32M51B/LE40M51B/LE46M51B.

3-4-4 Method of Adjustment

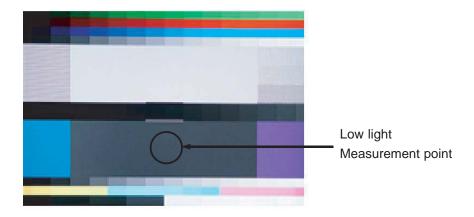
1. Adjust the white balance of AV, Component and DVI Modes.

a) Set the input to the mode in which the adjustment will be made

$$(RF \longrightarrow DTV \longrightarrow PC \longrightarrow DVI).$$

- * Input signal VIDEO Mode: Model #2 (744*484 Mode), Pattern #16
 - DTV,DVI Mode: Model #6 (1280*720 Mode), Pattern #16
 - HDMI Mode: Model #6(1280*720 Mode), Pattern #16
- b) Enter factory color control, confirm the data.
- c) Adjust the low light. (Refer to table 1, 2 in adjustment position by mode)
 - Adjust sub Brightness to set the 'Y' value.
 - Adjust red offset ('x') and blue offset ('y') to the color coordinates.

Picture 4-2 Flat W/B Pattern

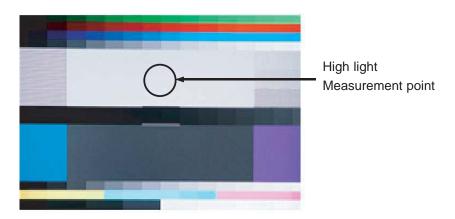


^{*} Do not adjust green offset data.

- d) Adjust the high light. (Refer to table 1, 2 in adjustment position by mode)
 - Adjust red gain ('x') and blue gain ('y') to the color coordinates.
 - * Do not adjust the green gain and sub-contrast (Y) data.

- d) Adjust the high light. (Refer to table 1, 2 in adjustment position by mode)
 - Adjust red gain ('x') and blue gain ('y') to the color coordinates.
 - * Do not adjust the green gain and sub-contrast (Y) data.

Picture 4-3 Flat W/B Pattern



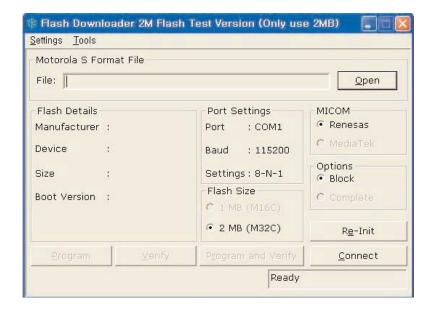
3-5 Software Upgrade

3-5-1 How to Update Flash ROM

 Install the Flash Downloader ConnectSet(Service Jack)and Jig Cable to execute Program Update.



- 2. Flash Downloader program update
 - -Before Turning on the set, Click "connect" which is under of OSD Screen!
 - -Turn on the Set.



14 Reference Infomation

14-1 Technical Terms

- TFT-LCD

(Thin film Transistor Liquid Crystal Display)

ADC(Analog to Digital Converter)

This is a circuit that converts from analog signal to digital signals.

- PLL(Phase Locked Loop)

During progressing ADC, Device makes clock synchronizing HSYNC with Video clock

- Inverter

Device that supply Power to LCD panel lamp. this device gernerate about 1,500~2,000V.

- AC Adapter

Device that converts AC(90V~240V) to DC(+12V or 14V)

- SMPS(Switching Mode Power Supply)

Switching Mode Power supply. This design technology is used to step up/down the input power by switching on/off

- FRC(Frame Rate Controller)

Technology that change image frame quantity displayed on screen for one second.

Actually TFT-LCD panel require 60 pcs of frame for one second.

so, this technology is needed to convert input image to 60 pcs regardless input frame quantity.

- Image Scaler

Technology that convert various input resolution to other resolution.(ex. 640* 480 to 1024*768)

- Auto Configuration(Auto adjustment)

This is an algorithm to adjust monitor to optimum condition by pushing one key.

- OSD(On Screen Display)

On screen display, customer can control the screen easily with this.

- Image Lock

This means "Fineness adjustment" in LCD Monitor, the features are "Fine" and "Coarse"

- FINE

"Fine" adjustment is used to adjust visibility by control phase difference.

- COARSE

This is a adjustment by tuning with Video colck and PLL clock.

- DVI (Digital Visual Interface)

This provides a high speed digital connection for visual data types that is display technology independent. this interface is primarily forcused at providing a connection between a computer and its display device.

- L.V.D.S.(Low Voltage Differential Signaling)

a kind of transmission method for Digital.It can be used from Main PBA to Panel.

- DVI (Digital Visual Interface)

This provides a high speed digital connection for visual data types that is display technology independent, this interface is primarily forcused at providing a connection between a computer and its display device.

- T.M.D.S

(Transition minimized Differential Signaling) a kind of transmission method for Digital. It can be used from Video card to Main PBA.

- DDC(Display data channel)

It is a communication method between Host Computer and related equipment.

It can make it Plug and Play between PC and Monitor.

- EDID

Extended Display Identification Data PC can recognize the monitor information as Product data, Product name, Display mode, Serial number and Signal source, etc through DDC Line communicating with PC and Monitor.

- Dot Pitch

The image on a monitor is composed of red, green and blue dots. The closer the dots, the higher the resolution. The distance between two dots of the same color is called the 'Dot Pitch'. Unit: mm

- Vertical Frequency

The screen must be redrawn several times per second in order to create and display an image for the user. The frequency of this repetition per second is called Vertical Frequency or Refresh Rate. Unit: Hz

Example: If the same light repeats itself 60 times per second, this is regarded as 60 Hz.

- Horizontal Frequency

The time to scan one line connecting the right edge to the left edge of the screen horizontally is called Horizontal Cycle. The inverse number of the Horizontal Cycle is called Horizontal Frequency. Unit: kHz

- Interlace and Non-Interlace Methods

Showing the horizontal lines of the screen from the top to the bottom in order is called the Non-Interlace method while showing odd lines and then even lines in turn is called the Interlace method. The Non-Interlace method is used for the majority of monitors to ensure a clear image. The Interlace method is the same as that used in TVs.

- Plug & Play

This is a function that provides the best quality screen for the user by allowing the computer and the monitor to exchange information automatically. This monitor follows the international standard VESA DDC for the Plug & Play function.

- Resolution

The number of horizontal and vertical dots used to compose the screen image is called 'resolution'. This number shows the accuracy of the display. High resolution is good for performing multiple tasks as more image information can be shown on the screen.

Example: If the resolution is 1280 x 1024, this means the screen is composed of 1280 horizontal dots (horizontal resolution) and 1024 vertical lines (vertical resolution).

- BTSC

Broadcast Television System Committee
The stereo broadcasting system that is used in
most of the countries that have adopted the NTSC
system, including the United States, Canada,
Chile, Venezuela and Taiwan. It also refers to the
organization that has been organized to promote
its development and management.

- EIA.

Electronic Industries Association of Japan.

- RF Cable

A round signal cable generally used for TV antennas.

- Satellite Broadcasting

Broadcasting service provided via satellite.

Enables high picture quality and clear sound throughout the country regardless of the location of the viewer.

- Sound Balance

Balances the levels of the sound coming from each speaker in televisions with two speakers.

- Cable TV

Whereas the terrestrial broadcasting is delivered via frequency signals through the air, cable broadcasting is transmitted via a cable network. In order to view cable TV, one must purchase a cable receiver and hook it up to the cable network.

- CATV

"CATV" refers to the broadcasting service offered at hotels, schools and other buildings through their own broadcasting system, apart from VHF or UHF broadcasting by terrestrial broadcasters. The CATV programs may include movies, entertainment and educational programs. (Different from cable TV.)

CATV can be viewed only within the area in which the CATV service is offered.

- S-Video

Short for "Super Video." S-Video allows up to 800 lines of horizontal resolution, enabling high-quality video.

- VHF/UHF

VHF indicates TV channels 2 to 13, and UHF indicates channels 14 through 69.

- Channel Fine Tuning

This feature allows the viewer to fine-tune the TV channel to obtain the best viewing conditions. The Samsung LCD TV has both automatic and manual channel fine-tuning features to enable the viewer to adjust their desired settings.

- External Device Input

External device input refers to video input from such external video devices as VCRs, camcorders and DVD players, separate from a TV broadcast.

14-2 Pin Assignments

14-2-1 DVI-D

Sync Type Pin No.		24P DVI-D	
1	Rx2-	13	NC
2	Rx2+	14	DDC Input power (+5V)
3	GND	15	IDENT-DVI
4	NC	16	Output Signal (HDCP Control)
5	NC	17	Rx0-
6	DDC - SCL	18	Rx0+
7	DDC - SDA	19	GND
8	NC	20	NC
9	Rx1-	21	NC
10	Rx1+	22	GND
11	GND	23	RxC+
12	NC	24	RxC-

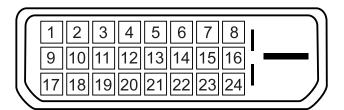


Figure 1.

14-2-2 Component

RCA Green	Υ
NOA GICCII	GND
RCA Blue	Pb (Cb)
NOA Blue	GND
RCA Red	Pr (Cr)
T T T T T T T T T T T T T T T T T T T	GND
RCA White	Audio L
NOA WIIILE	GND
RCA Red	Audio R
	GND

14-2-4 A/V

RCA Yellow	CVBS	
RCA White	Audio L	
RCA White	GND	
RCA Red	Audio R	
KCA Keu	GND	

14-2-3 S-Video

Separate	
GND	
Υ	
С	
GND	
GND	

14-2-5 D-SUB

Pin	Separate		
1	Red		
2	Green		
3	Blue		
4	GND		
5	GND		
6	GND Red		
7	GND Green		
8	GND Blue		
9	DDC Input power(+5V)		
10	IDENT PC		
11	GND		
12	DDC Data(SDA)		
13	H SYNC		
14	V SYNC		
15	DDC Clock(SCL)		

14-2-6 PC Display mode

Both screen position and size will vary depending on the type of PC monitor and its resolution.

The resolutions in the table are recommended. (All resolutions between the supported limits are supported)

Mode	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H/V)
IBM	640 x 480 720 x 400	31.469 31.469	59.940 70.087	25.175 28.322	- / - - / +
VESA	640 x 480 640 x 480 800 x 600 800 x 600 800 x 600 1024 x 768 1024 x 768 1024 x 768 1360 x 768	37.861 37.500 37.879 48.077 46.875 48.364 56.476 60.023 47.712	72.809 75.000 60.317 72.188 75.000 60.000 70.069 75.029 60.015	31.500 31.500 40.000 50.000 49.500 65.000 75.000 78.750 85.800	- / - - / - + /+ + /+ + /+ - / - - / - + /+

- The interlace mode is not supported.
- The set might operate abnormally if a non-standard video format is selected.
- DVI dose not support PC function.

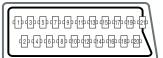
14 Reference Infomation

14-2-7 Scart 1



Pin	Signal	Pin	Signal
1	Audio output R	12	NC
2	Audio input R	13	Video GND (RGB red)
3	Audio output L	14	GND
4	Audio common GND	15	RGB red input
5	Video GND (RGB blue)	16	Fast Blanking signal (RGB switching)
6	Audio input L	17	Video output GND
7	RGB blue input	18	Video input GND
8	Switching voltage	19	Video output (CVBS out)
9	Video GND (RGB green)	20	Video input (CVBS in)
10	NC	21	Common GND
11	RGB green input		

14-2-8 Scart 2



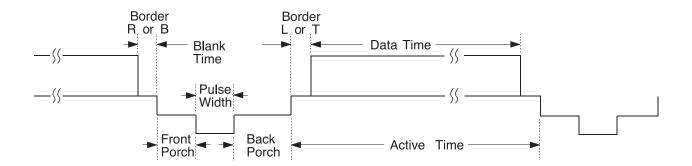
Pin	Signal	Pin	Signal
1	Audio output R	12	NC
2	Audio input R	13	Video GND (RGB red)
3	Audio output L	14	GND
4	Audio common GND	15	RGB red input
5	Video GND (RGB blue)	16	NC
6	Audio input L	17	Video output GND
7	RGB blue input	18	Video input GND
8	Switching voltage	19	Video output (CVBS out)
9	Video GND (RGB green)	20	Video input (CVBS in)
10	NC	21	Common GND
11	RGB green input		

14-3 Timing Chart

This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

14-3-1 LCD Panel Mode1 mode

	·		
Timing No.	LTA400W2		
Originator	VESA		
Mode Name	1366/60Hz		
Resolution (HxV)	1366x768		
HORIZONTAL Frequency Total time Active time Blank time Border(L / R) Data time Front porch Sync. width Back porch Sync. polarity	47.712kHz $20.959 \mu \text{s}$ $15.906 \mu \text{s}$ $5.053 \mu \text{s}$ $0.000 \mu \text{s}$ $15.906 \mu \text{s}$ $0.749 \mu \text{s}$ $1.702 \mu \text{s}$ $2.994 \mu \text{s}$ Positive		
VERTICAL Frequency Total time Active time Blank time Border(T/B) Data time Front porch Sync. width Back porch Sync polarity	60.015Hz 16.662 ms 16.097ms 0.566 ms 0.000 ms 16.097ms 0.063 ms 0.105 ms 0.377ms Positive		
Dot Clock	85.500MHz		
Sync. Type	Separate		
Scan Type	N/I		



14-3-2 Supported Modes (1)

Timing No.	2	3	11	17	32
Originator	IBM	IBM	VESA	VESA	MAC
Mode Name	VGA2	VGA3	640/72Hz	640/75Hz	640/67Hz
Resolution (HxV)	720x400	640x480	640x480	640x480	640x480
HORIZONTAL Frequency Total time Active time Blank time Border(L / R) Data time Front porch Sync. width Back porch	31.469kHz 31.777µs 26.058µs 5.720µs 0.318µs 25.422µs 0.318µs 3.813µs 1.589µs	31.469kHz 31.778µs 26.058µs 5.720µs 0.318µs 25.422µs 0.318µs 3.813µs	37.861kHz 26.413µs 20.825µs 5.588µs 0.254µs 20.317µs 0.508µs 1.270µs	37.500kHz 26.667µs 20.317µs 6.350µs 0.000µs 20.317µs 0.508µs 2.032µs 3.810µs	35.000kHz 28.571μs 21.164μs 7.407μs 0.000μs 21.164μs 2.116μs 2.116μs
Sync. polarity	Negative	1.589μs Negative	3.810μs Negative	Negative	3.175μs Negative
VERTICAL Frequency Total time Active time Blank time Border(T/B) Data time Front porch Sync. width Back porch Sync polarity	70.087Hz 14.268ms 13.155ms 1.113ms 0.222ms 12.711ms 0.191ms 0.064ms 0.858ms Positive	59.940Hz 16.683ms 15.761ms 0.922ms 0.254ms 15.253ms 0.064ms 0.064ms 0.794ms Negative	72.809Hz 13.735ms 13.100ms 0.635ms 0.211ms 12.678ms 0.026ms 0.079ms 0.528ms Negative	75.000Hz 13.333ms 12.800ms 0.533ms 0.000ms 12.800ms 0.027ms 0.080ms 0.427ms Negative	66.667Hz 15.000ms 13.714ms 1.286ms 0.000ms 13.714ms 0.086ms 0.086ms 1.114ms Negative
Dot Clock	28.322MHz	25.175MHz	31.500MHz	31.500MHz	30.240MHz
Sync. Type	Separate	Separate	Separate	Separate	Separate
Scan Type [*]	N/I	N/I	N/I	N/I	N/I

14-3-3 Supported Modes (2)

	i		
Timing No. Originator Mode Name Resolution (HxV)	13 VESA 800/60Hz 800x600	14 VESA 800/72Hz 800x600	18 VESA 800/75Hz 800x600
HORIZONTAL Frequency Total time Active time Blank time Border(L / R) Data time Front porch Sync. width Back porch Sync. polarity	37.879kHz 26.400 μs 20.000 μs 6.400 μs 0.000 μs 20.000 μs 1.000 μs 3.200 μs 2.200 μs Positive	48.077kHz 20.800 μs 16.000 μs 4.800 μs 0.000 μs 16.000 μs 1.120 μs 2.400 μs 1.280 μs Positive	46.875kHz 21.333 μs 16.162 μs 5.171 μs 0.000 μs 16.162 μs 0.323 μs 1.616 μs 3.232 μs Positive
VERTICAL Frequency Total time Active time Blank time Border(T/B) Data time Front porch Sync. width Back porch Sync polarity	60.317Hz 16.579ms 15.840ms 0.739ms 0.000ms 15.840ms 0.026ms 0.106ms 0.607ms Positive	72.188Hz 13.853ms 12.480ms 1.373ms 0.000ms 12.480ms 0.770ms 0.125ms 0.478ms Positive	75.000Hz 13.333ms 12.800ms 0.533ms 0.000ms 12.800ms 0.021ms 0.064ms 0.448ms Positive
Dot Clock	40.000MHz	50.000MHz	49.500MHz
Sync. Type	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I

14-3-4 Supported Modes (3)

Timing No.	15	16	19	
Originator	VESA	VESA	VESA	VESA
Mode Name	1024/60Hz	1024/70Hz	1024/75Hz	1360/60Hz
Resolution (HxV)	1024x768	1024x768	1024x768	1360x768
HORIZONTAL Frequency Total time Active time Blank time Border(L / R) Data time Front porch Sync. width Back porch Sync. polarity	48.363kHz 20.677μs 15.754μs 4.923 μs 0.000 μs 15.754μs 0.369 μs 2.092 μs 2.462 μs Negative	56.476kHz 17.707 μs 13.653 μs 4.053 μs 0.000 μs 13.653 μs 0.320 μs 1.813 μs 1.920 μs Negative	60.023kHz 16.660 \(\mu \)s 13.003 \(\mu \)s 3.777 \(\mu \)s 0.000 \(\mu \)s 13.003 \(\mu \)s 0.323 \(\mu \)s 1.219 \(\mu \)s 2.235 \(\mu \)s Positive	47.712 kHz $20.959\mu s$ $15.906\mu s$ $5.053\mu s$ $0.000\mu s$ $15.906\mu s$ $0.749\mu s$ $1.702\mu s$ $2.994\mu s$ Positive
VERTICAL Frequency Total time Active time Blank time Border(T/B) Data time Front porch Sync. width Back porch Sync polarity	60.004Hz 16.666ms 15.880ms 0.786ms 0.000ms 15.880ms 0.062ms 0.124ms 0.600ms Negative	70.069Hz 14.272ms 13.599ms 0.672ms 0.000ms 13.599ms 0.053ms 0.106ms 0.513ms Negative	75.029 Hz 13.328 ms 12.795 ms 0.533 ms 0.000 ms 12.795 ms 0.017 ms 0.050 ms 0.466 ms Positive	60.015Hz 16.662 ms 16.097ms 0.566 ms 0.000 ms 16.097ms 0.063 ms 0.105 ms 0.377ms Positive
Dot Clock	65.000MHz	75.000MHz	78.750MHz	85.500MHz
Sync. Type	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I

14-4 Panel Description

SEC LT140X1-002 BN07-00004A SA BN68-00239H - SEC LT150XS-L01 BN07-00009A SB - SEC LT150XS-L01-B BN07-00022A SC - SEC LTM150XS-L02 BN07-00005A SD - SEC LT181E2-132 BN07-00001A SE -	
SEC LT150XS-L01-B BN07-00022A SC - SEC LTM150XS-L02 BN07-00005A SD -	
SEC LTM150XS-L02 BN07-00005A SD -	
SEC LT181E2-132 BN07-00001A SE -	
SEC LT150XS-T01 BN07-00010A SF -	
SEC LTM181E3-132 BN07-00019A SG -	
SEC LT170E2-131 BN07-10001D SH -	
SEC LT181E2-131 BN07-10001E SJ -	
SEC LTM170E4-L01 BN07-00018A SK -	
SEC LTM240W1-L01 BN07-00015A SL -	
SEC LTM213U3-L01 BN07-00016A SM -	
SEC LTM150XH-L01 BN07-00026A SN	
SEC LTM150XH-L03 BN07-00027A SP -	
SEC LTM150XS-L01 BN07-00032A SQ DELL(ZPD)	
SEC LTM181E4-L01 BN07-00034A SR PVA	
SEC	
SEC LTM170E5-L01 BN07-00037A SU PVA	
SEC LTM150XH-L11 BN07-00041A SV -	
SEC LTM213U4-L01 BN07-00039A SW PVA	
SEC LTM150XH-L01(ZPD) BN07-00045A SX ZPD	
SEC LTM150XH-L04 BN07-00046A SY New panel with high brightness	
SEC LTM170W1-L01 BN07-00047A SZ Panel for TV	
SEC LTM150XH-L06 BN07-00053A EA Panel for TV/ High luminance for 450cd	_ SONY&EOS Team Panel for TV
SEC LTM153W1-L01 BN07-00054A EB Use NIKE MODEL	
SEC LTM170EH-L05 BN07-00055A EC Panel EOS proj. for high brightness of	17" EH-L05
SEC LTM170E5-L03 BN07-00056A ED Dell 1702FP pro. E4. EH mechanical C	Compatible
SEC LTM190E1-L01 BN07-00057A EE DELL 1900 FP	
SEC LTM181E5-L01 BN07-00061A EF 18" narrow bezel GH18PS	
SEC LTM150XP-L01 BN07-00065A EG AMLCD PVA PANEL	
SEC LTM240W1-L02 BN07-00062A EH Panel for 15" Wide TV	
SEC LTM170EU-L01 BN07-00071A EJ Slim design, TN	
SEC LTM170E5-L04 BN07-00072A EK E5-L04 6 bits FRC for IBM	
SEC LTA220W1-L01 BN07-00074A EL Panel for 22" TV	
SEC LTM170E6-L02 BN07-00075A EM AMLCD Narrow & slim design 17" PV/	A mode
SEC LTM170W1-L01 BN07-00082A EN LTM170W1-L01 ZPD panel	
SEC LTM170EH-L01 BN07-00080A EP LTM170EH-L01 ZPD panel	
SEC LTM170E5-L01 BN07-00081A EQ LTM170E5-L01 ZPD panel	
SEC LTM170EH-L05 BN07-00083A ER LTM170EH-L05 ZPD panel	
SEC LTM170E5-L03 BN07-00084A ES LTM170E5-L03 ZPD panel	
SEC LTM170EU-L01 BN07-00085A ET LTM170EU-L01 ZPD panel	
SEC LTM170E5-L04 BN07-00086A EU LTM170E5-L04 ZPD panel	
SEC LTM170E6-L02 BN07-00087A EV LTM170E6-L02 ZPD panel	
SEC LTM150XH-L06 BN07-00091A EW Color coordinates change for LCD TV	
SEC LTM153W1-L01 BN07-00092A EX AMLCD WIDE 15",9/10	
SEC LTM170W1-L01 BN07-00100A EY Color Coordinates change code manage	gement
SEC LTM170EH-L05 BN07-00097A EZ LTM170E5-L05 Color Coordinates Cha	ange Panel Code

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LTA400W1-L01	BN07-00109A	S 1		PANEL of AMLCD 40" TV
SEC	LTM153W1-L01	BN07-00110A	S2		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM150XH-L06	BN07-00111A	S 3		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM170W1-L01	BN07-00112A	S4		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM170EH-L05	BN07-00113A	S 5		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM220W1-L01	BN07-00114A	S6		ZPD Panel for AMLCD 22" TV
SEC	LTM150XH-L06	BN07-00117A	S 7		ZPD Panel code
SEC	LTM153W1-L01	BN07-00118A	S8		ZPD Panel code
SEC	LTM170WP-L01	BN07-00119A	S9		PVA Panel for NIKE
SEC	LTM213U4-L01	BN07-00039A	E1		21.3" NARROW
SEC	LTA260W1-L01	BN07-00121A	E2		VENUS
SEC	LTA220W1-L01	BN07-00074B	E3		"Panel B-level panel code for 22"" TV Panel "
SEC	LTA320W1-L01	BN07-00108A	E4		"Panel for AMLCD 32"" TV"
SEC	LTM213U4-L01	BN07-00124A	E5		NARROW BEZEL 21 " PANEL
SEC	LTM170E6-L04	BN07-00129A	E6		"HIGHLAND 17"" LOW PANEL (Panel only for TCO03)"
SEC	LTM190E1-L01	BN07-00088A	E7		LTM190E1-L01 ZPD panel
SEC	M150X4-L06	BN07-00137A	E8		15" Narrow & Slim panel
SEC	LTA170V1	BN07-00139A	E9		"17"" Panel for Muse 4:3 VGA TV"
SEC	LTM190E1-L02	BN07-00128A	E10		"New Panel from AMLCDI, Specification : 6bit Driver IC"
SEC	LTM170EX-L01	BN07-00143A	E11		"Development new Panel from AMLCD"
SEC	LTM170E8-L01	BN07-00144A	E12		"Development new Panel from AMLCD"
SEC	LTM170E6-L04	BN07-00129B	E13		"ZPD panel for AMLCD (Panel only for TCO03)"
SEC	LTA320W1-L02	BN07-00108B	E14		"Creat B-level Panel code for AMLCD 32"" TV"
SEC	LTM190E1-L03	BN07-00151A	E15		"Development new 19"" Panel form AMLCD (Panel only for TC003)"
SEC	LTM240W1-L03	BN07-00134A	E16		"AMLCD 24"" panel development"
SEC	LTM190E1-L02	BN07-00128B	E17		"New Panel from AMLCD, Specification : 6bit Driver IC(ZPD)"
SEC	LTM190E4-L01	BN07-00145A	E18		"AMLCD 24"" new panel development"
SEC	LTM170E8-L01	BN07-00158A	E19		"ZPD code derivation"
SEC	LTM170EX-L01	BN07-00159A	E20		"ZPD code derivation"
SEC	LTM190E1-L03	BN07-00151B	E21		"Creat new panel code for AMLCD 19"" (Panel only for TCO03)"
SEC	LTA460H1-L01	BN07-00157A	E22		"creat panel code for AMLCD 46"" TV "
SEC	LTM170EU-L11	BN07-00160A	E23		"creat new panel code for AMLCD 17"" (Panel only for TCO03)"
SEC	LTM240W1-L03	BN07-00134B	E24		"24"" panel ZPD code derivation"
SEC	LTM190E4-L01	BN07-00145B	E25		"AMLCD 19"" ZPD Panel code derivation"
SEC	LTM240W1-L03	BN07-00134B	E26		"24"" panel ZPD code derivation"
SEC	LTM150XO-L01	BN07-00164A	E27		"AMLCD 15"" XO-L01 new panel development"
SEC	LTM150XO-L01	BN07-00164B	E28		"AMLCD 15"" XO-L01 ZPD code derivation"
SEC	LTM170EU-L11	BN07-00160B	E29		"AMLCD 17"" NEW panel code derivation"
SEC	LTA320W2-L01	BN07-00172A	SPZ		AMLCD 32" NEW panel
SEC	LTM213U4-L01	BN07-00124B	SPZ		21.3" Narrow PANEL ZPD Panel derivation
SEC	LTM170EU-L11	BN07-00189A	STH		AMLCD EU-L11 Pb free panel code derivation
SEC	LTM170EU-L11	BN07-00189B	STZ		AMLCD EU-L11 Pb free panel ZPD code derivation
SEC	LTM240W1-L04	BN07-00188A	SPH		24" A-DCC new panel development
SEC	LTM240W1-L04	BN07-00188B	SPZ		24" A-DCC panel ZPD code derivation
SEC	LTM190EX-L01	BN07-00191A	STH		AMLCD 19" TN new Panel
SEC	LTM190EX-L02	BN07-00191B	STZ		AMLCD 19" TN new Panel ZPD derivation
SEC	LTA230W1-L02	BN07-00184A	SPZ		AMLCD 23" 16:9 new Panel

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LTA260W2-L01	BN07-00185A	SPZ		AMLCD 26" 16:9 new Panel
SEC	LTM240M1-L01	BN07-00195A	SPH		24" panel with high brightness development
SEC	LTA400W2-L01	BN07-00186A	SPZ		AMLCD 40" 16:9 new Panel
SEC	LTM150XO-L01	BN07-00197A	STH		AMLCD 15" XO-L01 Pb free panel code
SEC	LTM150XO-L01	BN07-00197B	STZ		AMLCD 15" XO-L01 Pb free panel ZPD code
SEC	LTM170EU-L21	BN07-00202A	STZ		AMLCD EU-L21 ZPD new code derivation
SEC	LTA460W2-L03	BN07-00187A	SPZ		BEETOVEN 46"ZPD new panel
SEC	LTM240M1-L01	BN07-00195B	SPZ		24" igh brightness panel ZPD code derivation
SEC	M170EX-L21	BN07-00206A	STZ		AMLCD LTM170EX-L21 ZPD new code derivation
SEC	LTA460H3-L01	BN07-00200A	SPZ		AMLCD 46" LED BLU panel
SEC	LTM170EU-L15	BN07-00214A	STZ		AMLCD EU-L15 TV high brightness ZPD new code derivation
SEC	LTM170E8-L21	BN07-00218A	SPZ		AMLCD LTM170E8-L21 PVA ZPD new code derivation
SEC	LTM190EX-L21	BN07-00222A	STZ		DISPLAY LCD
SEC	LTM201U1-L01	BN07-00190B	SPZ		AMLCD 20.1" Normal panel ZPD code derivation
SEC	LTM190E4-L21	BN07-00223A	SPZ		HAYDN 17" PZD code PANEL derivation
SEC	LTA570H1-L01	BN07-00196A	SPZ		AMLCD 57" new panel development
SEC	LTM150XO-L21	BN07-00229A	STZ		AMLCD 15" XO-L21 8ms panel code
SEC	LTA260W2-L11	BN07-00239A	SPZ		AMLCD 26" 16:9 7Line new Panel
SEC	LTA400WS-LH1	BN07-00245A	SPZ		AMLCD 40" 16:9 SPVA 90% new Panel
SEC	LTM213U6-L01	BN07-00231A	SPZ		AMLCD 21.3" PVA new Panel Code
SEC	LTA320WS-LH2	BN07-00244A	SPZ		AMLCD 32" 16:9 SPVA 90% new Panel
SEC	LTA400WS-LH1	BN07-00245A	SPZ		AMLCD 40" 16:9 SPVA 90% new Panel
CPT	CLAA150XG09	BN07-00141A	PA		"CPT 15"" Monitor new panel development"
CPT	CLAA170EA02	BN07-00148A	PB		"17"" CPT NEW development panel"
CPT	CLAA170EA02	BN07-00148B	PC		"17"" CPT ZPD panel code derivation"
CPT	CLAA150XG09	BN07-00141B	PTZ		"CPT 15"" panel ZPD code derivation (GOYA-PJT)"
CPT	CLAA150XP01	BN07-00173A	PTH		CPT 15" PSWG code derivation
CPT	CLAA150XP01	BN07-00173B	PTZ		CPT 15" PSWG panel ZPD code
CPT	CLAA170EA07	BN07-00174A	PTH		"CPT 17"" PSWG panel code derivation
CPT	CLAA170EA07	BN07-00174B	PTZ		CPT 17""" PSWG type new Panel code""
CPT	CLAA170EA07	BN07-00174B	PTZ		CPT 17" PSWG type new Panel code
CPT	CLAA170EA07Q	BN07-00220A	PTZ		CPT 17" PSWG R/T 8msec code derivation
CPT	CLAA170EA07Q	BN07-00220B	PTH		CPT 17" PSWG R/T 8msec HPD code derivation
CPT	CLAA150XP01F	BN07-00236A	PTZ		CPT 15" PSWG panel ZPD & Lead free code derivation
TOSHIBA	LTM15C419(A)	BN07-00002A	TA		
TOSHIBA	LTM15C423(B)	BN07-00006A	TB		
TOSHIBA	LTM18C161	BN07-00008A	TC		
TOSHIBA	LTM15C443	BN07-00031A	TD		·
TOSHIBA	LTM15C458	BN07-00043A	TE		·
TOSHIBA	LTM15C458S	BN07-00077A	TF		"TSB 15"" high brightness Panel"
TOSHIBA	LTM15C458	BN07-00078A	TG		Toshiba ZPD panel
TOSHIBA	LTM15C458S	BN07-00099A	TH		TSB LTM15C458S (ZPD)
HANNSTAR	HSD150MX41A(A)	BN07-00020A	NA		"TTL type"
HANNSTAR	HSD150MX12	BN07-00030A	NB		"TTL type"
HANNSTAR	HSD170ME13	BN07-00180A	NTH		Hannstar 17" TN new panel development
HANNSTAR	HSD170ME13	BN07-00180B	NTZ		Hannstar 17" TN new panel development ZPD code derivation
HANNSTAR	HSD190ME12	BN07-00210A	NTZ		Hannstar 19" TN new panel development

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
HANNSTAR	HSD150MX17-A	BN07-00226A	NTZ		Hannstar 15" slim panel ZPD code derivation
TORISAN	TM150XG-22L03(A)	BN07-00021A	RA		
TORISAN	TM150XG-26L06	BN07-00042A	RB		
TORISAN	TM181SX-76N01	BN07-00048A	RC		
TORISAN	TM150XG-26L06	BN07-00059A	RD		15" XGA TN MODE(ZPD)
TORISAN	TM290WX-71N31	BN07-00063A	RE		"RS24NS (TORISAN 29"" NEW PANEL)"
TORISAN	TM396WX-71N31	BN07-00064A	RF		"RS24NS (TORISAN 40"" NEW PANEL)"
TORISAN	TM150XG-26L09	BN07-00073A	RG		"Panel for 15"" TV"
TORISAN	TM150XG-26L10	BN07-00089A	RH		"L10(change except D/IC) ZPD"
TORISAN	TM150XG-26L10	BN07-00090A	RJ		L10 NORMAL
TORISAN	TM190SX-70N01	BN07-00098A	RK		Torisan 19" Panel
TORISAN	TM181SX-76N01	BN07-00106A	RL		ZPD Panel code
TORISAN	TM190SX-70N01	BN07-00107A	RM		ZPD Panel code
TORISAN	TM290WX-71N31	BN07-00115A	RN		"Color Coordinates change panel for TORISAN 29"" TV"
TORISAN	TM396WX-71N31	BN07-00116A	RP,Q		"Color Coordinates change panel for TORISAN 40"" TV"
TORISAN	TM22OWX-71N31	BN07-00125A	RR		"Development TORISAN 22"" TV PANEL (ZPD)"
TORISAN	TM22OWX-71N31	BN07-00127A	RS		"Development TORISAN 22"" TV PANEL (HPD)"
TORISAN	TM396WX-71N32A	BN07-00150A	RT		120V inverter Exclusive panel
TORISAN	TM190SX-70N02	BN07-00154A	RMH		Torisan 6bit panel code Derivation
TORISAN	TM190SX-70N02	BN07-00154B	RMZ		Torisan 6bit panel code Derivation
TORISAN	TM150XG-A01	BN07-00162A	RTH		Torisan 15" Narrow & Slim panel development
TORISAN	TM150XG-A01	BN07-00162B	RTZ		Torisan 15" N&S panel ZPD code Derivation
SHARP	LQ181E1DG11(A)	BN07-10001C	PA		
SHARP	LQ150X1LW71	BN07-00067A	PB		SHARP 15" PVA PANEL
SHARP	LQ370T3LZ41	BN07-00216A	FAZ		Rome2
HITACHI	TX38D12VC0CAA(A)	BN07-00003A	НА		-
HITACHI	TX43DVCOCAB	BN07-00060A	НВ		17" SXGA PVA MODE
HITACHI	TX43D15VC0CAB	BN07-00101A	НС		ZPD Panel
HITACHI	TX51D11VC0CAB	BN07-00122A	HD		20.1" NARROW
HITACHI	TX54D11VC0CAB	BN07-00123A	HE		21.3" NARROW
HITACHI	TX80D12VC0CAB	BN07-00169A	HIZ		"Development new panel for Hitachi 32"" TV (ZPD)"
HITACHI	TX54D11VC0CAB	BN07-00123B	HIZ		Hitachi 21.3"ZPD panel
IBM	ITSX94S	BN07-00017A	IA		
UNIPAC	UM170E0	BN07-00028A	UA		Loaded by cisdba
HYUNDAI	HT15X13	BN07-00035A	DA		
HYUNDAI	HT17E11-200	BN07-00049A	DB		TN MODE
HYUNDAI	HT17E11-300	BN07-00093A	DC		HT17E11-300 ZPD panel
HYUNDAI	HT17E11-400	BN07-00094A	DD		HT17E11-400 normal panel
HYUNDAI	HT17E11-400	BN07-00095A	DE		HT17E11-400 ZPD panel code
HYUNDAI	HT17E12	BN07-00096A	DF		HT17E12 (Narow & slim Design)
HYUNDAI	HT17E12	BN07-00105A	DG		ZPD Panel code
HYUNDAI	HT15X15-D00	BN07-00146A	DH		"Development for Ares 15"" Hydis TV"
HYUNDAI	HT15X15-D01	BN07-00146B	DJ		"Derivation panel HPD for Ares 15"" Hydis TV "
HYUNDAI	HT17E13-100	BN07-00167A	DTH		"PINEHURST-2(IBM) PJT 17"" HYDIS PANEL Derivation"
HYUNDAI	HT17E13-100	BN07-00167B	DTZ		"PINEHURST-2(IBM) Hydis 17" ZPD code Derivation"
ACER	L170E3	BN07-00044A	AA		TN(ADT)
ACER	M170EN05	BN07-00076A	AB		AU 17" Panel (Narrow & slim design)
	021100	2.101 00010/1	(1)		

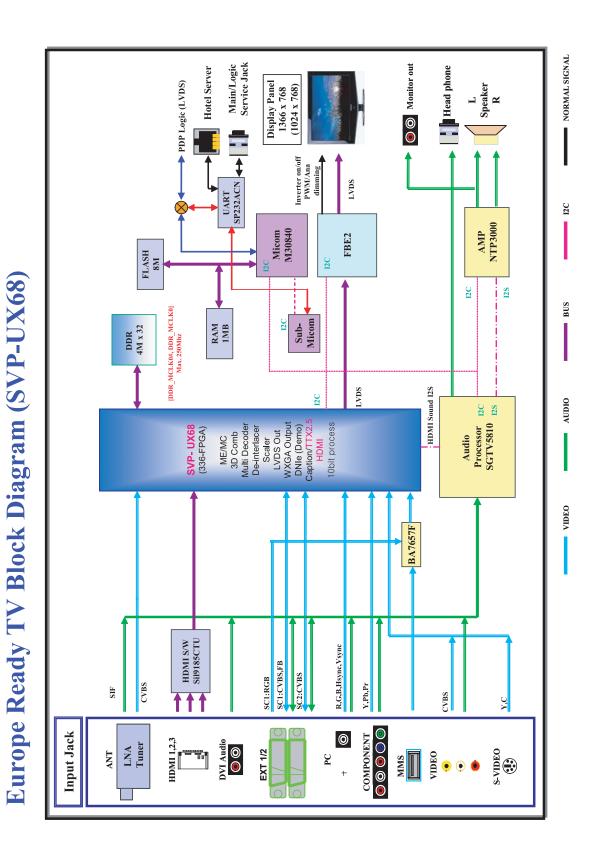
Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
ACER	M170EN05	BN07-00102A	AC		ZPD Panel code
ACER	M190EN02	BN07-00170A	AMH		"AU Monitor 19"" new panel development (P19-1S)"
ACER	M190EN02	BN07-00170B	AMZ		"AU 19"" ZPD code derivation (ZPD)"
ACER	M170EN06	BN07-00171A	ATH		"AU Monitor 17"" New panel development "
ACER	T260XW01	BN07-00163A	AMZ		"AU 26"" new panel development (NF26EO)"
ACER	A201SN01	BN07-00177A	ATZ		"AU TV panel 20.1"" TN SVGA new panel development"
ACER	M170EN06	BN07-00171B	ATZ		AU Monitor 17" ZPD code derivation
ACER	T315XW01	BN07-00194A	AMZ		AU 32" new
ACER	T315XW02	BN07-00421A	AMZ		AUO V9
ACER	M170EG01	BN07-00192A	ATH		AU TN PSWG type new Panel code
ACER	M170EG01	BN07-00192B	ATZ		AU TN PSWG type NEW panel code derivation
ACER	M190EN04	BN07-00203A	ATH		AU Monitor 19" ZPD new Panel code
ACER	T260XW02	BN07-00208A	AMZ		AUO 26" ZPD panel
ACER	M170EG01 V8	BN07-00221A	ATZ		AU TN PSWG type new Panel (8msec) ZPD code derivation
ACER	T260XW02	BN07-00233A	AMZ		AUO 26" Panel new (Cosmetic spec down grade)
ACER	T315XW01	BN07-00234A	AMZ		AUO 32" Grade new (Cosmetic spec down grade)
ACER	M190EN03	BN07-00224A	AMZ		AU Monitor 19" MVA new code derivation
ACER	T315XW01	BN07-00237A	AMZ		LCD TV VE project new
ACER	T315XW01	BN07-00238A	AMZ		LCD TV VE project new
ACER	M201UN02 V3	BN07-00168A	AMZ		
CHIMEI	M170E3-LO1	BN07-00050A	CA		TN PANEL
CHIMEI	M150X3-L01	BN07-00051A	СВ		COMPATIBLE
CHIMEI	M170E4-L01	BN07-00052A	CC		MVA PANEL
CHIMEI	M150X2-L01	BN07-00066A	CD		CHIME 15"I PVA PANEL
CHIMEI	M150X3-L01	BN07-00079A	CE		Chimei ZPD panel
CHIMEI	M170E3-L01	BN07-00103A	CF		ZPD Panel code
CHIMEI	M170E4-L01	BN07-00104A	CG		ZPD Panel code
CHIMEI	V296W1-L01	BN07-00120A	СН		MVA
CHIMEI	M170E6-L02	BN07-00126A	CJ		HIGHLAND 17" LOW PANEL
CHIMEI	M190E2-L01	BN07-00131A	CK		GH19AS,BS CHIMEI PANEL
CHIMEI	M150X4-L06	BN07-00137A	CL		15" Narrow & Slim panel
CHIMEI	M170E6-L01	BN07-00133A	СМ		"2003-03-11 vendor change"
CHIMEI	M170E6-L01	BN07-00133B	CN		ZPD derivation panel
CHIMEI	V201V1-T01	BN07-00135A	CP		CHIMEI 20.1" panel development
CHIMEI	M170E6-L02	BN07-00126B	CQ		"HIGHLAND 17"" LOW PANEL ZPD derivation panel"
CHIMEI	M170E6-L05	BN07-00152A	CR		"CMO 17"" new panel development code"
CHIMEI	M170E6-L05	BN07-00152B	CS		"CMO 17"" ZPD panel code derivation"
CHIMEI	M150X4-L06	BN07-00137B	CT		Chimei 15" Narrow & Slim panel ZPD derivation
CHIMEI	M170E5-L05	BN07-00165A	CTH		CMO 17" new panel development code (GOYA2-PJT)
CHIMEI	M170E5-L05	BN07-00165B	CTZ		CMO 17" ZPD panel(GOYA2-PJT)
CHIMEI	V230W1-L02	BN07-00209A	CMZ		CMO 23" development
CHIMEI	V320B1-L01	BN07-00207A	CMZ		CMO 32" development
CHIMEI	V270W1-L01	BN07-00136A	CMZ		CHI MEI 27" panel development
NEC	SVA150XG04TB	BN07-00225A	BTZ		SVA NEC 15" panel ZPD code

14 Reference Infomation

Memo

7 Block Diagram

- This Document can not be used without Samsung's authorization



7 Block Diagrams

Memo

2 Product specifications

2-1 Fashion Feature

Supreme Digital Interface & Networking

-With a built-in HD digital tuner, it supports HD broadcasting with no particular set-top box and provides simple access with a single remote control.

Excellent Picture Quality

-DNIe technology provides life-like clear images.

My Color Control

-Colors can be set to your preference by adjusting Red, Green, Blue, Yellow, Pink and White.

Dynamic Contrast

-Automatically detects the input visual signal and adjusts to create optimum contrast.

Brightness Sensor

-Adjusts the screen brightness automatically depending on the brightness of the surrounding environment.

SRS TruSurround XT

-SRS TruSurround XT provides a virtual Dolby surround system.

Convenience

-The TV utilizes the HDMI system to implement perfect digital sound and picture quality.

The Anynet system enables you to easily control Samsung audio-video (AV) devices from this TV.

2-2 LE23R86BD Specifications

Item		Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normaly white, 23-lnch viewable, 0.372(H) x 0.372(V) mm pixel pitchh		
Scanning Frequency	Horizontal: 30 kH:	z ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	5	
Maximum Resolution	Horizontal : 1366 F Vertical : 768 Pix		
Input Video Signal	Analog 0.7 Vp-p ±	5% positive at $75Ω$, internally terminated	
Input Sync Signal	Type: Seperate H Level: TTL level	IV .	
Maximum Pixel Clock rate	80 MHz		
Active Display Horizontal/Vertical	508.2 mm / 285.7 ı	mm	
AC power voltage & Frequencya	AC 220 ~ 240 V, 6	0/50 Hz	
Power Consumption	100 W < 1 W		
Dimensions(W x D x H) Set	586 x 216 x 445 mm (After installation Stand) 586 x 83.5 x 405.5 mm (Without stand)		
Weight Set(After installation Stand)	8.1Kg		
TV System	Tunning	Frequency Synthesize	
	System	PAL, SECEM	
	Sound	MONO, STEREO, NICAM	
Environmental Considerations	Operating Temperature : $50^{\circ}F \sim 104^{\circ}F (10^{\circ}C \sim 40^{\circ}C)$ Operating Humidity : $10^{\circ}\% \sim 80^{\circ}\%$ Storage Temperature : $-4^{\circ}F \sim 113^{\circ}F (-20^{\circ}C \sim 45^{\circ}C)$ Storage Humidity : $5^{\circ}\% \sim 95^{\circ}\%$		
Antena Input	75Ω		
Sound Characteristic	-MAX Internal speaker Out: Right: 3W / Left: 3W -BASS Control Range: -8 dB ~ + 8dB -TREBLE Control Range: -8 dB ~ +8 dB -Headphone Out: 10 mW MAX -Output Frequency: RF: 80 Hz ~ 15 kHz AV: 80 Hz ~ 20 kHz		

2-3 LE26R86BD Specifications

ltem		Description		
LCD Panel	TFT-LCD panel, RGB vertical stripe, normaly white, 26-Inch viewable, 0.4215(H) x 0.4215(V) mm pixel pitchh			
Scanning Frequency	Horizontal: 30 kH	z ~ 61 kHz (Automatic) / Vertical: 60 Hz ~ 75 Hz (Automatic)		
Display Colors	16,777,216 colour	s		
Maximum Resolution	Horizontal : 1366 F Vertical : 768 Pix			
Input Video Signal	Analog 0.7 Vp-p ±	5% positive at 75Ω , internally terminated		
Input Sync Signal	Type: Seperate F Level: TTL level	1 /V		
Maximum Pixel Clock rate	80 MHz			
Active Display Horizontal/Vertical	575.77 mm / 323.7	575.77 mm / 323.71 mm		
AC power voltage & Frequencya	AC 220 ~ 240 V, 6	60/50 Hz		
Power Consumption	120 W < 1 W			
Dimensions(W x D x H) Set	666 x 216 x 449.5 mm (After installation Stand) 666 x 85 x 460.5 mm (Without stand)			
Weight Set(After installation Stand)	9.8Kg			
TV System	Tunning	Frequency Synthesize		
	System	PAL, SECEM		
	Sound	MONO, STEREO, NICAM		
Environmental Considerations	Operating Temperature : $50^{\circ}F \sim 104^{\circ}F (10^{\circ}C \sim 40^{\circ}C)$ Operating Humidity : $10^{\circ}\% \sim 80^{\circ}\%$ Storage Temperature : $-4^{\circ}F \sim 113^{\circ}F (-20^{\circ}C \sim 45^{\circ}C)$ Storage Humidity : $5^{\circ}\% \sim 95^{\circ}\%$			
Antena Input	75Ω			
Sound Characteristic	-BASS Control Ra			

2-4 LE32R86BD Specifications

Item		Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normaly white, 31.5-Inch viewable, 0.511 (H) x 0.511 (V) mm pixel		
Scanning Frequency	Horizontal: 30 kH	z ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	S	
Maximum Resolution	Horizontal : 1366 F Vertical : 768 Pix		
Input Video Signal	Analog 0.7 Vp-p ±	5% positive at $75Ω$, internally terminated	
Input Sync Signal	Type: Seperate H Level: TTL level	I/V	
Maximum Pixel Clock rate	80 MHz		
Active Display Horizontal/Vertical	697.68 mm / 392.2	22 mm	
AC power voltage & Frequencya	AC 220 ~ 240 V, 6	0/50 Hz	
Power Consumption	150 W < 1 W		
Dimensions(W x D x H) Set	800 x 252 x 580.5 mm (After installation Stand) 800 x 79 x 541 mm (Without stand)		
Weight Set(After installation Stand)	13.1Kg		
TV System	Tunning	Frequency Synthesize	
	System	PAL, SECEM	
	Sound	MONO, STEREO, NICAM	
Environmental Considerations	Operating Temperature : $50^{\circ}F \sim 104^{\circ}F$ ($10^{\circ}C \sim 40^{\circ}C$) Operating Humidity : $10 \% \sim 80 \%$ Storage Temperature : $-4^{\circ}F \sim 113^{\circ}F$ ($-20^{\circ}C \sim 45^{\circ}C$) Storage Humidity : $5 \% \sim 95 \%$		
Antena Input	75Ω		
Sound Characteristic	-BASS Control Ra		

2-5 LE32R81B Specifications

ltem	Description		
LCD Panel	TFT-LCD panel, RGB vertical stripe, normaly white, 31.5-Inch viewable, 0.511 (H) x 0.511 (V) mm pixel		
Scanning Frequency	Horizontal: 30 kH	Hz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colour	rs	
Maximum Resolution	Horizontal : 1366 F Vertical : 768 Pix		
Input Video Signal	Analog 0.7 Vp-p ±	\pm 5% positive at 75 Ω , internally terminated	
Input Sync Signal	Type: Seperate F Level: TTL level	H/V	
Maximum Pixel Clock rate	80 MHz		
Active Display Horizontal/Vertical	697.68 mm / 392.22 mm		
AC power voltage & Frequencya	AC 220 ~ 240 V, 6	60/50 Hz	
Power Consumption	150 W < 1 W		
Dimensions(W x D x H) Set	800 x 252 x 580.5 mm (After installation Stand) 800 x 79 x 541 mm (Without stand)		
Weight Set(After installation Stand)	13.1Kg		
TV System	Tunning	Frequency Synthesize	
	System	PAL, SECEM	
	Sound	MONO, STEREO, NICAM	
Environmental Considerations	Operating Temperature : $50^{\circ}F \sim 104^{\circ}F$ ($10^{\circ}C \sim 40^{\circ}C$) Operating Humidity : $10^{\circ}\% \sim 80^{\circ}\%$ Storage Temperature : $-4^{\circ}F \sim 113^{\circ}F$ ($-20^{\circ}C \sim 45^{\circ}C$) Storage Humidity : $5^{\circ}\% \sim 95^{\circ}\%$		
Antena Input	75Ω		
Sound Characteristic	-MAX Internal speaker Out: Right: 5W / Left: 5W -BASS Control Range: -8 dB ~ + 8 dB -TREBLE Control Range: -8 dB ~ +8 dB -Headphone Out: 10 mW MAX -Output Frequency: RF: 80 Hz ~ 15 kHz AV: 80 Hz ~ 20 kHz		

2-6 LE37R86BD Specifications

Item		Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normaly white, 37-Inch viewable, 0.6 (H) x 0.6 (V) mm pixel pitchh		
Scanning Frequency	Horizontal: 30 kH	z ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	s	
Maximum Resolution	Horizontal : 1366 F Vertical : 768 Pix		
Input Video Signal	Analog 0.7 Vp-p ±	5% positive at 75Ω , internally terminated	
Input Sync Signal	Type: Seperate H Level: TTL level	I/V	
Maximum Pixel Clock rate	80 MHz		
Active Display Horizontal/Vertical	819.6 mm / 460.8	mm	
AC power voltage & Frequencya	AC 220 ~ 240 V, 6	90/50 Hz	
Power Consumption	170 W < 1W		
Dimensions(W x D x H) Set	916.5 x 300 x 660.5 mm (After installation Stand) 916.5 x 87 x 618.2 mm (Without stand)		
Weight Set(After installation Stand)	20.1Kg		
TV System	Tunning	Frequency Synthesize	
	System	PAL, SECEM	
	Sound	MONO, STEREO, NICAM	
Environmental Considerations	Operating Temperature : $50^{\circ}F \sim 104^{\circ}F$ ($10^{\circ}C \sim 40^{\circ}C$) Operating Humidity : $10^{\circ}\% \sim 80^{\circ}\%$ Storage Temperature : $-4^{\circ}F \sim 113^{\circ}F$ ($-20^{\circ}C \sim 45^{\circ}C$) Storage Humidity : $5^{\circ}\% \sim 95^{\circ}\%$		
Antena Input	75Ω		
Sound Characteristic	-MAX Internal speaker Out: Right: 5W / Left: 5W -BASS Control Range: -8 dB ~ + 8dB -TREBLE Control Range: -8 dB ~ +8 dB -Headphone Out: 10 mW MAX -Output Frequency: RF: 80 Hz ~ 15 kHz AV: 80 Hz ~ 20 kHz		

2-7 LE37R81B Specifications

Item		Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normaly white, 37-Inch viewable, 0.6 (H) x 0.6 (V) mm pixel pitchh		
Scanning Frequency	Horizontal: 30 kH	z ~ 61 kHz (Automatic) / Vertical: 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colour	s	
Maximum Resolution	Horizontal : 1366 F Vertical : 768 Pix		
Input Video Signal	Analog 0.7 Vp-p ±	5% positive at 75Ω , internally terminated	
Input Sync Signal	Type: Seperate F Level: TTL level	1 /V	
Maximum Pixel Clock rate	80 MHz		
Active Display Horizontal/Vertical	819.6 mm / 460.8	mm	
AC power voltage & Frequencya	AC 220 ~ 240 V, 6	60/50 Hz	
Power Consumption	170 W < 1W		
Dimensions(W x D x H) Set	916.5 x 300 x 660.5 mm (After installation Stand) 916.5 x 87 x 618.2 mm (Without stand)		
Weight Set(After installation Stand)	20.1Kg		
TV System	Tunning	Frequency Synthesize	
	System	PAL, SECEM	
	Sound	MONO, STEREO, NICAM	
Environmental Considerations	Operating Temperature : $50^{\circ}F \sim 104^{\circ}F (10^{\circ}C \sim 40^{\circ}C)$ Operating Humidity : $10^{\circ}\% \sim 80^{\circ}\%$ Storage Temperature : $-4^{\circ}F \sim 113^{\circ}F (-20^{\circ}C \sim 45^{\circ}C)$ Storage Humidity : $5^{\circ}\% \sim 95^{\circ}\%$		
Antena Input	75Ω		
Sound Characteristic	-BASS Control Ra		

2-8 LE40R86BD Specifications

Item		Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normaly white, 40-Inch viewable, 0.648(H) x 0.648(V) mm pixel pitch		
Scanning Frequency	Horizontal: 30 kH	Hz ~ 61 kHz (Automatic) / Vertical: 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colour	rs	
Maximum Resolution	Horizontal : 1366 F Vertical : 768 Pix		
Input Video Signal	Analog 0.7 Vp-p ±	$\pm 5\%$ positive at 75Ω , internally terminated	
Input Sync Signal	Type: Seperate H Level: TTL level	H/V	
Maximum Pixel Clock rate	80 MHz		
Active Display Horizontal/Vertical	885.17 mm / 497.6	66 mm	
AC power voltage & Frequencya	AC 220 ~ 240 V, 6	60/50 Hz	
Power Consumption	190 W < 1W		
Dimensions(W x D x H) Set	991.5 x 300 x 697.5 mm (After installation Stand) 991.5 x 87 x 654.6 mm (Without stand)		
Weight Set(After installation Stand)	21.1Kg		
TV System	Tunning	Frequency Synthesize	
	System	PAL, SECEM	
	Sound	MONO, STEREO, NICAM	
Environmental Considerations	Operating Temperature : $50^{\circ}F \sim 104^{\circ}F$ ($10^{\circ}C \sim 40^{\circ}C$) Operating Humidity : $10^{\circ}\% \sim 80^{\circ}\%$ Storage Temperature : $-4^{\circ}F \sim 113^{\circ}F$ ($-20^{\circ}C \sim 45^{\circ}C$) Storage Humidity : $5^{\circ}\% \sim 95^{\circ}\%$		
Antena Input	75Ω		
Sound Characteristic	-BASS Control Ra		

2-9 LE40R81B Specifications

Item		Description			
LCD Panel	TFT-LCD panel, RGB vertical stripe, normaly white, 40-lnch viewable, 0.648(H) x 0.648(V) mm pixel pitch				
Scanning Frequency	Horizontal: 30 kH	z ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)			
Display Colors	16,777,216 colours	s			
Maximum Resolution	Horizontal : 1366 F Vertical : 768 Pix				
Input Video Signal	Analog 0.7 Vp-p ±	5% positive at 75Ω , internally terminated			
Input Sync Signal	Type: Seperate H Level: TTL level	I/V			
Maximum Pixel Clock rate	80 MHz				
Active Display Horizontal/Vertical	885.17 mm / 497.6	66 mm			
AC power voltage & Frequencya	AC 220 ~ 240 V, 6	0/50 Hz			
Power Consumption	190 W < 1W				
Dimensions(W x D x H) Set	991.5 x 300 x 697.5 mm (After installation Stand) 991.5 x 87 x 654.6 mm (Without stand)				
Weight Set(After installation Stand)	21.1Kg				
TV System	Tunning	Frequency Synthesize			
	System	PAL, SECEM			
	Sound	MONO, STEREO, NICAM			
Environmental Considerations	Operating Humidit	ure: -4°F ~ 113°F (-20°C ~ 45°C)			
Antena Input	75Ω				
Sound Characteristic	-MAX Internal speaker Out: Right: 5W / Left: 5W -BASS Control Range: -8 dB ~ + 8 dB -TREBLE Control Range: -8 dB ~ +8 dB -Headphone Out: 10 mW MAX -Output Frequency: RF: 80 Hz ~ 15 kHz AV: 80 Hz ~ 20 kHz				

2-10 Spec Comparison

Model	LE26R51B / LE32R51B / LE40R51B	LE23R86BD/LE26R86BD/ LE32R86BD/LE32R81B/LE37R86BD/ LE37R81B/LE40R86BD/LE40R81B
Design	0	Franker S
Frequency Horizontal	30 ~ 61 kHz	30 ~ 61 kHz
Vertical Display Color	60 ~ 75 Hz 16,777,216 colors	60 ~ 75 Hz 16,777,216 colors
PC Resolution Maximum mode	WXGA, 1360 x 768 @ 60 Hz	WXGA, 1366 x 768 @ 60 Hz
Input Signal Sync Signal Video Signal	H/V Separate, TTL, P. or N. 0.7 Vp-p @ 75ohm	H/V Separate, TTL, P. or N. 0.7 Vp-p @ 75ohm
Power Consumption Normal Power Saving	140W / 184W / 285W < 1W	100W / 120W / 150W / 170W / 190W < 1W

2-11 Option Specification

Item	Item Name	Code.No	Remark
	Remote Control & Batteries (AAA x 2)	LE23/26R86BD: BN59-00611A LE32/37/40R81B: BN59-00602A LE32/37/40R86BD: BN59-00603A	
	Power Cord	3903-000145	
	Cleaning Cloth	BN63-001798A	
	Stand	23", 26" : BN90-01150A 32" : BN90-01149A 37" : BN90-01148A 40" : BN90-01148A	
K 1	Stand Screw	23", 26", 32"	
	Cover-Bottom	23", 26" : BN63-03221A 32" : BN63-03103A 37" : BN63-03113A 40" : BN63-03113A	

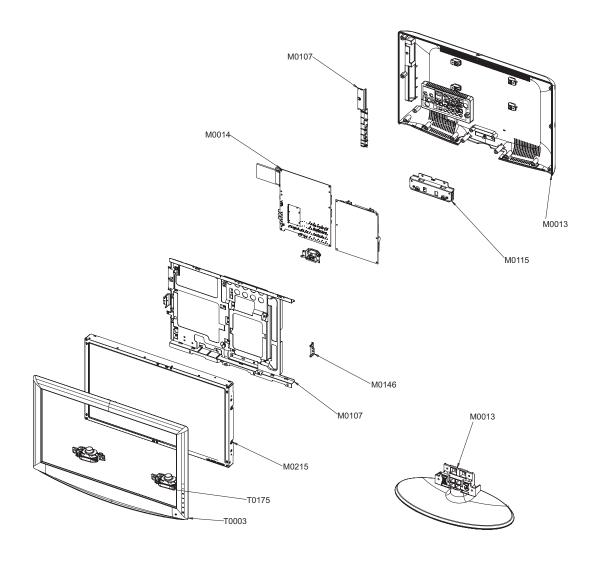
2 Product Specifications

Memo

5 Exploded View and Parts List

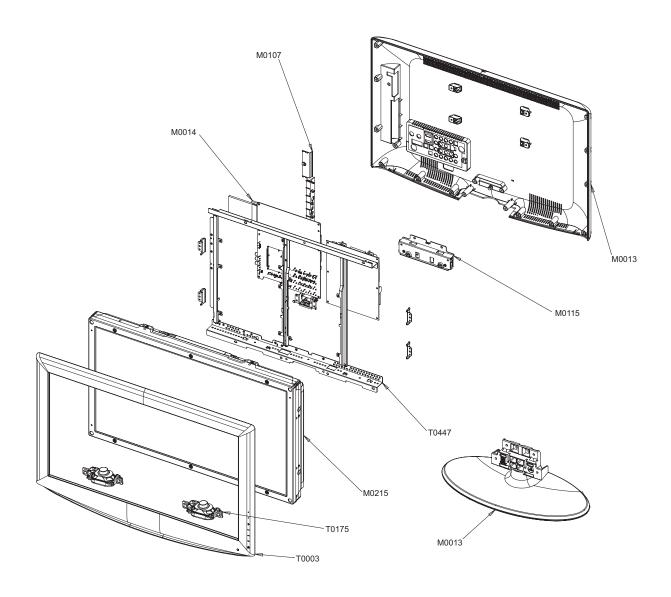
- You can search for updated part codes through ITSELF web site. URL : http://itself.sec.samsung.co.kr/

5-1 LE23R87BD Exploded View



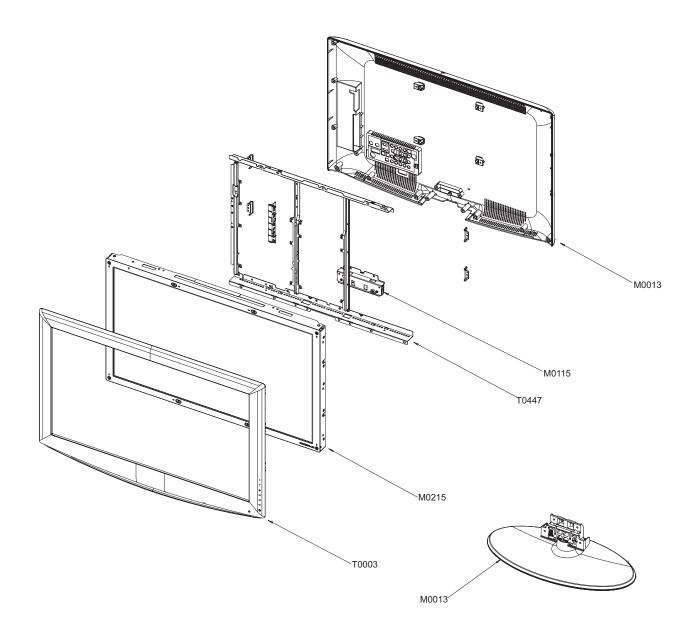
5-2 LE23R87BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-05172A	ASSY COVER P-FRONT;23R87,EO(IDTV),ABS+PM	1	S.A	
T0175	BN96-04767A	ASSY SPEAKER P;16ohm,4pin,5W,Bordeaux Pl	1	S.A	
M0215	BN07-00365A	LCD-PANEL;T230XW01,8bit,23inch,16.7M,16:	1	S.A	
M0107	BN63-03039A	SHIELD-COVER;MURANO40,PCM,T0.5,IDTV	1	S.N.A	
M0107	BN61-03037A	BRACKET-PCB;23 BORDEAUX PLUS,SECC,T1.0	1	S.N.A	
M0146	BN61-03060A	BRACKET-PANEL SIDE;BORDEAUX PLUS 23,SECC	2	S.N.A	
M0115	BN61-02965A	BRACKET-STAND LINK;32 BORDEAUX PLUS,SECC	1	S.N.A	
M0014	BN94-01121E	ASSY PCB MAIN;LE23R86BDX/*	1	S.A	
M0013	BN96-04663A	ASSY STAND P-BASE;23,26R81,NORMAL,-,ABS+	1	S.A	
M0013	BN96-04673A	ASSY COVER P-REAR;23R81,EO(IDTV),-,ABS+P	1	S.A	



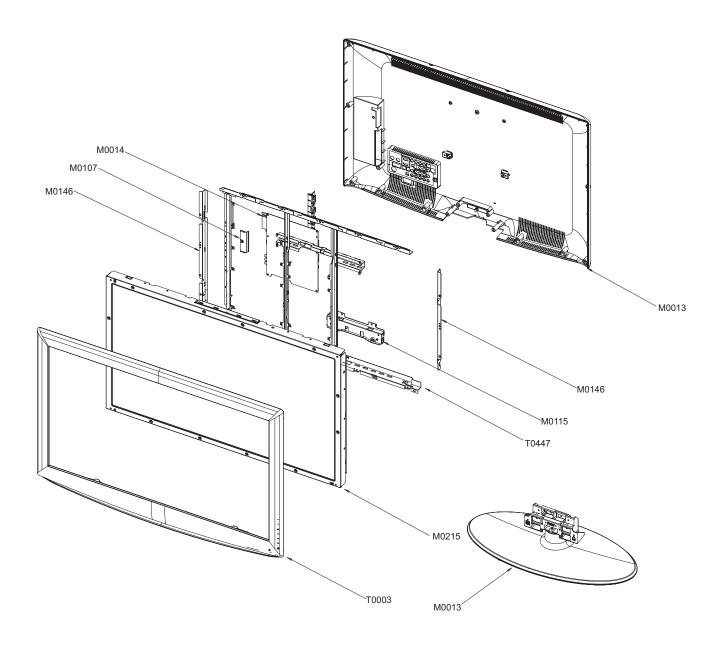
5-4 LE26R86BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-04659B	ASSY COVER P-FRONT;26R81,EO(IDTV),-,ABS+	1	S.A	
T0175	BN96-04767A	ASSY SPEAKER P;16ohm,4pin,5W,Bordeaux PI	1	S.A	
M0215	BN07-00367A	LCD-PANEL;LTA260W2-L13,-,8bit,26inch,16.	1	S.A	
T0447	BN96-04682A	ASSY BRACKET P-PANEL;26R81,AMLCD,-,-,-	1	S.N.A	
M0115	BN61-02965A	BRACKET-STAND LINK;32 BORDEAUX PLUS,SECC	1	S.N.A	
M0014	BN94-01121B	ASSY PCB MAIN;LE26R86BDX/*	1	S.A	
M0107	BN63-03039A	SHIELD-COVER;MURANO40,PCM,T0.5,IDTV	1	S.N.A	
M0013	BN96-04663A	ASSY STAND P-BASE;23,26R81,NORMAL,-,ABS+	1	S.A	
M0013	BN96-04672A	ASSY COVER P-REAR;26R81,EO(IDTV),-,ABS+P	1	S.A	



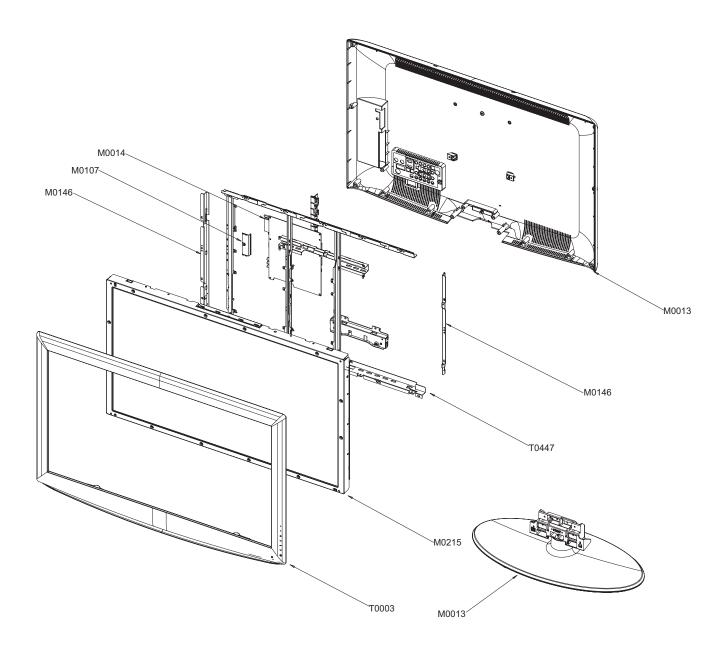
5-6 LE32R86BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-04658D	ASSY COVER P-FRONT;32R81,EO,-,ABS+PMMA,H	1	S.A	
T0175	BN96-04768B	ASSY SPEAKER P;8ohm,4pin,10W,150/650,Bor	1	S.A	
M0215	BN07-00348A	LCD-PANEL;V315B1-L01,8bit,31.5inch,16.7M	1	S.A	
T0447	BN96-04681G	ASSY BRACKET P-PANEL;32R81,CMO,PAL,SPACE	1	S.N.A	
M0115	BN61-02965A	BRACKET-STAND LINK;32 BORDEAUX PLUS,SECC	1	S.N.A	
M0014	BN94-01325A	ASSY PCB MAIN-CMO;LE32R81BX/*	1	S.N.A	
M0013	BN96-04662A	ASSY STAND P-BASE;32R81,M81,SWIVEL,-,ABS	1	S.A	
M0013	BN96-04671B	ASSY COVER P-REAR;32R81,EO,ABS+PMMA,HB,B	1	S.A	



5-8 LE37R87BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-05169A	ASSY COVER P-FRONT;37R87,EO(IDTV),ABS+PM	1	S.A	
T0175	BN96-04768A	ASSY SPEAKER P;8ohm,4pin,10W,Bordeaux PI	1	S.A	
M0215	BN07-00393A	LCD-PANEL;T370XW02,8bit,37inch,16.7M,16:	1	S.A	
T0447	BN96-04680A	ASSY BRACKET P-PANEL;BORDEAUX PLUS37	1	S.N.A	
M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.N.A	
M0014	BN94-01121C	ASSY PCB MAIN;LE37R86BDX/*	1	S.A	
M0146	BN61-02241A	BRACKET-PANEL SIDE;Bordeaux 37,SECC,T1.2	1	S.N.A	
M0146	BN61-02242A	BRACKET-PANEL SIDE;Bordeaux 37,SECC,T1.2	1	S.N.A	
M0013	BN96-04661A	ASSY STAND P-BASE;37,40R81,SWIVEL,-,ABS+	1	S.A	
M0013	BN96-04670A	ASSY COVER P-REAR;37R81,EO(IDTV),-,ABS+P	1	S.A	



5-10 LE40R87BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-05168A	ASSY COVER P-FRONT;40R87,EO(IDTV),ABS+PM	1	S.A	
T0175	BN96-04768A	ASSY SPEAKER P;8ohm,4pin,10W,Bordeaux Pl	1	S.A	
M0215	BN07-00387A	LCD-PANEL; LTA400WT-L06,8bit,40inch,16.7	1	S.A	
T0447	BN96-04679D	ASSY BRACKET P-PANEL;40R81,IP BOARD,SPAC	1	S.N.A	
M0107	BN63-03039A	SHIELD-COVER;MURANO40,PCM,T0.5,IDTV	1	S.N.A	
M0146	BN61-02256B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	S.N.A	
M0146	BN61-02257B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	S.N.A	
M0013	BN96-04661A	ASSY STAND P-BASE;37,40R81,SWIVEL,-,ABS+	1	S.A	
M0013	BN96-04669A	ASSY COVER P-REAR;40R81,EO(IDTV),-,ABS+P	1	S.A	

12 PCB Diagram

12-1 Main PCB Diagram (FOR READY)



12-2 Main PCB Diagram (FOR IDTV)





